

Fiscal Unit/Academic Org	Agric, Envrnmtl & Devlp Econ - D1114
Administering College/Academic Group	Food, Agric & Environ Science
Co-administering College/Academic Group	
Semester Conversion Designation	Converted with minimal changes to program goals and/or curricular requirements (e.g., sub-plan/specialization name changes, changes in electives and/or prerequisites, minimal changes in overall structure of program, minimal or no changes in program goals or content)
Current Program/Plan Name	Environmental Economics Minor
Proposed Program/Plan Name	Environmental Economics Minor
Program/Plan Code Abbreviation	RESECON-MN
Current Degree Title	

Credit Hour Explanation

Program credit hour requirements		A) Number of credit hours in current program (Quarter credit hours)	B) Calculated result for 2/3rds of current (Semester credit hours)	C) Number of credit hours required for proposed program (Semester credit hours)	D) Change in credit hours
Total minimum credit hours required for completion of program		20	13.3	12	1.3
Required credit hours offered by the unit	Minimum	10	6.7	6	0.7
	Maximum	20	13.3	12	1.3
Required credit hours offered outside of the unit	Minimum	0	0.0	0	0.0
	Maximum	10	6.7	6	0.7
Required prerequisite credit hours not included above	Minimum	5	3.3	3	0.3
	Maximum	5	3.3	3	0.3

Program Learning Goals

Note: these are required for all undergraduate degree programs and majors now, and will be required for all graduate and professional degree programs in 2012. Nonetheless, all programs are encouraged to complete these now.

Program Learning Goals

- The environmental economics minor provides students with a foundation in the methods of natural resource economics and benefit-cost analysis for addressing issues such as soil and water conservation, pollution control policy and land use.

Assessment

Assessment plan includes student learning goals, how those goals are evaluated, and how the information collected is used to improve student learning. An assessment plan is required for undergraduate majors and degrees. Graduate and professional degree programs are encouraged to complete this now, but will not be required to do so until 2012.

Is this a degree program (undergraduate, graduate, or professional) or major proposal? Yes

Does the degree program or major have an assessment plan on file with the university Office of Academic Affairs? Yes

Summarize how the program's current quarter-based assessment practices will be modified, if necessary, to fit the semester calendar.

Accomplishment of learning objectives will be tracked with short quizzes taken at the end of each required course. Each quiz will consist of a small number of questions related to key concepts that are introduced, applied, or otherwise covered in the course. For example, students completing AEDE 4310 (formerly 531) will be asked to distinguish between output and prices in a competitive market in which firms take environmental costs into account and output and prices in a competitive market in which firms ignore those costs. A limited number of key concepts and specific questions corresponding to the minor's learning objectives will be defined by June 2011.

Program Specializations/Sub-Plans

If you do not specify a program specialization/sub-plan it will be assumed you are submitting this program for all program specializations/sub-plans.

Pre-Major

Does this Program have a Pre-Major? No

Attachments

- ENV-ECON MINOR2012.doc: minor sheet

(Program Proposal. Owner: Sheller, Susan Marie)

Comments

Workflow Information

Status	User(s)	Date/Time	Step
Submitted	Sheller, Susan Marie	01/18/2011 07:56 AM	Submitted for Approval
Approved	Sheller, Susan Marie	01/18/2011 07:57 AM	Unit Approval
Approved	Pfister, Jill Ann	01/18/2011 08:02 AM	College Approval
Pending Approval	Hanlin, Deborah Kay Vankeerbergen, Bernadette Chantal Meyers, Catherine Anne Jenkins, Mary Ellen Bigler Nolen, Dawn	01/18/2011 08:02 AM	ASCCAO Approval

ENVIRONMENTAL ECONOMICS MINOR

College of Food, Agricultural, and Environmental Sciences
Department of Agricultural, Environmental, and Development Economics (AED Econ)
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PURPOSE: The Environmental Economics minor provides students with an understanding of the application of economic principles to contemporary natural resource and environmental processes, problems, and policies. Relevant complementary principles in ecology, hydrology and thermodynamics are also emphasized. Students acquire a solid foundation in the theories and methods of natural resource economics and benefit-cost analysis for addressing issues such as soil and water conservation, pollution control policy, land use, environmental benefit estimation, and management of natural systems.

REQUIREMENTS AND RESPONSIBILITIES: Students are responsible for planning their minor program to achieve **12-15** hours. NO one-hour waiver of the 12 hour minimum will be granted unless an extremely compelling case is made.

Required Courses: 6 hours		Hours
AED ECON 4310 (531)	Environ. & Nat. Resource Econ.	3
AED ECON 5310 (631)	Benefit Cost Analysis	3
Select 6-9 Additional Hours From:		
AED ECON 4320 (565)/ INT STDS 4320 (565)	Energy, the Environment, and the Economy	3
AED ECON 4597 (597.01)/ INT STDS 4597 (597.01)	Problems and Policies in World Population, Food and Environment	3
AGSYSMGT 370	Principles of Hydrology	3
AGSYSMGT 575	Soil and Water Systems	3
EEOB 413 (.01 and .02)	Introduction to Ecology	3, 4, 5?
GEOG 630	Environmental Conservation	3
ENR 4000 (400)	Natural Resources Policy	4
ENR 4320 (432)	Sustainable Forest Products	3
ENR 5210 (601)	Evaluation of Environmental Impact	3
ENR 5280 (675)	Environmental Fate and Impact of Contaminants in Soil and Water	3
ENR 7520 (752)	Environmental Science and Law	3

Restrictions and General Information

- (1) This minor is not available to students majoring in Agribusiness & Applied Economics.
- (2) A minimum overall CPHR for courses comprising the minor shall be 2.0.
- (3) A minor should be declared at the time a student accumulates 60 hours.
- (4) One course may overlap between the minor and the GEC (foundations, natural sciences, arts and humanities, social sciences and contemporary issues).
- (5) Courses taken on a pass/non pass basis may not be applied to the minor.