

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**
- Students will understand 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? No

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

- AED Econ Chair Semester Letter ASC.pdf: Chair Letter
(Transition Policy. Owner: Sheller, Susan Marie)
- ENV-ECON MINOR2012.doc: Semester minor
(Semester Advising Sheet(s). Owner: Sheller, Susan Marie)
- ENV-ECON MINOR2.doc: Current minor
(Quarter Advising Sheet(s). Owner: Sheller, Susan Marie)

Comments

- Feedback will come in e-mail from Jim Fredal (chair CCI Sciences Subcommittee). *(by Vankeerbergen, Bernadette Chantal on 02/15/2011 02:36 PM)*

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
Revision Requested	Vankeerbergen, Bernadette Chantal	02/15/2011 02:36 PM	ASCCAO Approval
Submitted	Sheller, Susan Marie	03/03/2011 09:41 AM	Submitted for Approval
Approved	Pfister, Jill Ann	03/03/2011 10:06 AM	Unit Approval
Approved	Pfister, Jill Ann	03/03/2011 10:07 AM	College Approval
Pending Approval	Nolen, Dawn Jenkins, Mary Ellen Bigler Meyers, Catherine Anne Vankeerbergen, Bernadette Chantal Hanlin, Deborah Kay	03/03/2011 10:07 AM	ASCCAO Approval



Department of Agricultural, Environmental, and Development Economics

Agricultural Administration Building
2120 Fyffe Road
Columbus, OH 43210-1067

October 1, 2010

Phone (614) 292-7911

Fax (614) 292-4749

<http://aede.ag.ohio-state.edu/>

TO: Office of Academic Affairs

FROM: Dr. Timothy C. Haab
Department Chair

RE: AED Economics Semester Program Request Letter

List all current programs in the department/unit:

1. Undergraduate bachelors degree programs and/or majors
Agribusiness and Applied Economics (major)
2. Undergraduate minors (4)
Agribusiness
Environmental Economics
Farm Management
International Economic Development
3. Undergraduate associate degree programs
None
4. Graduate degree programs
MS and Ph.D. in AED Economics
5. Graduate minors
None
6. Graduate certificate programs
None
7. Graduate interdisciplinary specializations
None
8. Professional degree programs
None
9. Combined programs (e.g. BS/MS, Ph.D./MD)
Dual MS/MBA with Fisher COB and MS/Masters in Public Administration with Glenn School

Unit-level review of programs and courses will be based on: (1) SEIs; (2) enrollment trends; and (3) exit-interviews with graduates. Indicators of need to revise courses and entire programs will include: consistently low SEIs; enrolment that is consistently low and not increasing; and negative feedback provided by multiple graduates, especially those with strong academic records.

Transition Statement: Students should find that the shift from quarters to semesters does not disrupt progress toward their degrees, if they (1) decide on their major, minor and degree within a time compatible with four-year graduation; (2) meet the standards for progress defined by their academic unit and continue to complete appropriate course loads successfully; and (3) proactively develop and follow academic plans in consultation with academic advisors.

I recommend approval of our semester program materials.

ENVIRONMENTAL ECONOMICS MINOR

College of Food, Agricultural, and Environmental Sciences
Department of Agricultural, Environmental, and Development Economics (AED Econ)
Dr. Douglas Southgate, Coordinating Adviser
329 Ag. Admin. Bldg., 2120 Fyffe Road, 292-2432, southgate.1@osu.edu

PURPOSE: Students will understand 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. AED Econ 200 (2001) or Econ 200 (2001) is a prerequisite for many courses. At least six (6) credits must be at the 3000 level or above.

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 2370 (370)	Principles of Hydrology	3
AGSYSMGT 4575 (575)	Soil and Water Systems	3
EEOB 7054 and 7060 (503.01 & .02)	Introduction to Ecology	4
GEOG 5801 (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) A maximum of one course may overlap between the minor and the GE (Writing and Communication, Foreign Language, Literature, Visual and Performing Arts, Culture and Ideas, Historical Study, Quantitative Reasoning, Data Analysis, Natural Science, Social Science, Cross-Disciplinary Seminar, Service-Learning, Education Abroad).
- (5) Courses taken on a pass/non pass basis may not be applied to the minor.

ENVIRONMENTAL ECONOMICS MINOR

College of Food, Agricultural, and Environmental Sciences
Department of Agricultural, Environmental, and Development Economics (AED Econ)
Dr. Douglas Southgate, Coordinating Adviser
329 Ag. Admin. Bldg., 2120 Fyffe Road, 292-2432, southgate.1@osu.edu

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 **20-25** hours. NO one-hour waiver of the 20 hour minimum will be granted unless an extremely compelling case is made.

Required Courses: 10 hours

		Hours	Offered
AED ECON 531/NAT RES 531	Environ. & Nat. Resource Econ.	5	Au, Sp
AED ECON 631	Benefit Cost Analysis	5	Au

Select 10-15 Additional Hours From:

AED ECON 565/ INT STDS 565	Global Climate Change	5	Au
AED ECON 597.01/ INT STDS 597.01	Problems and Policies in World Population, Food and Environment	5	Au,Wi, Sp,Su
AGSYSMGT 370	Principles of Hydrology	3	Au
AGSYSMGT 575	Soil and Water Systems	3	Sp
EEOB 413 (.01 and .02)	Introduction to Ecology	5	Au, Wi
GEOG 630	Conservation of Natural Resources	5	Sp
ENR 400	Natural Resources Policy	5	Wi, Sp
ENR 432* (every other year)	Forest Industries II	5	Wi
ENR 601	Evaluation of Environmental Impact	4	Sp
ENR 675	Environmental Fate and Impact of Contaminants in Soil and Water	4	Sp
ENR 752	Environmental Science and Law	4	Au

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 90 hours.

(4) A maximum of five (5) credit hours 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.