

## ENVIRONMENTAL AND RESOURCE EMPHASIS

The Economics Major with Environmental and Resource Economics Emphasis is designed for qualified economics majors who have an interest in courses with an environmental policy perspective both within the Economics Department and in other departments. This emphasis is recommended for Economics majors who are considering careers in local, state or federal government; in government agencies; environmental interest groups; non-governmental organizations focused on environmental policy; and in the private sector. Students completing this emphasis will receive a certificate from the Economics Department upon graduation. Upon graduation, the transcript will identify this Emphasis as an "option" accomplished by students who have successfully completed it.

The Environmental and Resource Emphasis may be added to the Economics major track after the student has completed at least two of the following intermediate-level courses (ECON 3070, 3080 and/or 3818), and attains at least a 3.0 GPA in the economics major and in two of the three stated courses. Students interested in adding this emphasis should contact their Economics advisor once they are in compliance with these conditions. All Economics and ancillary courses applied to the emphasis must be completed with grades of C- or better. A student's major GPA must be at or above 3.000 at the time of graduation for the emphasis certificate to be awarded.

Students must complete

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Analytic Geometry and Calculus 1 (5 hrs.) *Prerequisite: MATH 1150, Pre-calculus Mathematics*

Option 4 Department-approved equivalents or substitutions

*\*For students matriculating before Fall 2017, an ALEKS Math Assessment Score of 61% is sufficient to enroll in ECON 1088 and MATH 1330. A Score of 76% is sufficient for MATH 1300. For students matriculating Fall 2017 and later, placement is based on assessed math background.*

### B. Upper Division Requirements

Take all ECON 3070 Intermediate Microeconomic Theory (4 hrs.) *Prerequisites: ECON 2010 & Calculus*  
ECON 3080 Intermediate Macroeconomic Theory (3 hrs.) *Prerequisites: ECON 2020 & Calculus*  
ECON 3818\*\* Intro. to Economics Statistics with Computer Applications (4 hrs.) *Prerequisites: ECON 2020 & Calculus*  
Choice of ECON 4818 Intro. to Econometrics (3 hrs.) **OR** ECON 4848 Applied Econometrics (3hrs)  
*Pre-requisites for both courses: ECON 3070 & ECON 3818*

*\*\*APPM 4520, APPM 4570, CHEN 3010, CVEN 3227, MATH 4520, CSCI 3022 are approved substitutes for ECON 3818. Students are not required to complete a replacement economics course when applying an approved substitute statistics course.*

### C. Required Foundation Courses in Environmental Policy (6 hrs.)

ECON 4535 Natural Resource Economics (3 hrs.)  
ECON 4545 Environmental Economics (3 hrs.)

### D. Applications and Tools Courses in Environmental Policy (3 hrs.) All courses are 3 credit hrs.

Choose one ECON 4211 Economics of the Government Sector  
ECON 4221 Political and Public Choice Economics  
ECON 4231 Practicum in Public Policy

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GEOL 3500	Earth Resources and the Environment	GEOL 1010 or 1060
GEOL 3520	Energy and Climate Change	Same as ENVS 3520
IAFS 3640	Data Analysis for Global Environmental Affairs	
INVS 3000	Innovative Approaches to Contemporary Issues through Services Learning	Upper division status*
INVS 3402	Implementing Social and Environmental Change	
PHIL 3140	Environmental Ethics	Same as ENVS 3140
PHYS 3000	Science and Public Policy	Completion of core science requirement*
PHYS 3070	Energy and the Environment	Same as ENVS 3070
PSCI 3064	Environment Political Theory	PSCI 2004*
PSCI 3071	Urban Politics	PSCI 1101
PSCI 3206	The Environment and Public Policy	PSCI 1101, restricted to sophomores, juniors and seniors
PSCI 3271	Law and Society: The Interaction between Legal Institutions and Human Behavior	PSCI 1101
PSCI 4106	Issues and Challenges in American Green Energy Policy	
PSCI 4783	Global Issues	PSCI 2012 or PSCI 2223*
SOCY 3141**	Social Movements in the U.S.	SOCY 1001, and 3001 or 3011
SOCY 4007	Global Human Ecology	
SOCY 4027	Inequality, Democracy and the Environment	Same as ENVS 4027
SOCY 4030	Sociology of Climate Change	Restricted to Juniors and Seniors
SOCY 4047	Topics in Environment and Society	
SOCY 4117	Food and Society	Restricted to Juniors and Seniors

\*Recommended prerequisites.

\*\*Enrollment in these courses controlled by specific major departments. Contact respective department advisors for assistance.