

# ENVIRONMENTAL ECONOMICS AND POLICY UNDERGRADUATE MAJOR (BS, HBS)

Also available via Ecampus.

The BS degree in Environmental Economics and Policy focuses on the development of strong economic and statistical skills and their use in the analysis while providing flexibility to incorporate interests in the biological, physical or social sciences. They also will focus on course work in environmental sciences, political sciences, and related subject areas with a greater focus on the socioeconomic dimensions of environmental sciences.

**Major Code: 237**

- Explain microeconomic theory at the intermediate level, including producer theory, how markets work and prices are formulated, market failure and its causes, and welfare theory.
- Analyze natural resource and environmental management issues, including the management of specific resources (such as fishery, forests, land, and water), by applying relevant economic theory and tools.
- Apply statistics and regression techniques to economic data and models and evaluate results.
- Communicate the process and results of economic analysis of environmental and natural resource issues through a variety of written and oral methods.
- Demonstrate the powers and constraints of US legal structures and policy tools to address environmental and natural resource issues.

## Grade Requirements

All EEP majors must complete the core list of courses with a grade of C- or higher.

Code	Title	Credits
<b>Core Requirements</b>		
AEC 250 or ECON 201	*INTRODUCTION TO ENVIRONMENTAL ECONOMICS AND POLICY *INTRODUCTION TO MICROECONOMICS	3
AEC 253	*ENVIRONMENTAL LAW, POLICY, AND ECONOMICS	4
AEC 311	INTERMEDIATE APPLIED ECONOMICS I: PRODUCERS AND CONSUMERS	4
AEC 313	INTERMEDIATE APPLIED ECONOMICS II: MARKETS, WELFARE & POLICY	4
AEC 351	*NATURAL RESOURCE ECONOMICS AND POLICY	3
AEC 352/ECON 352	*ENVIRONMENTAL ECONOMICS AND POLICY	3
AEC 432	ENVIRONMENTAL LAW	4
AEC 434	*BENEFIT-COST ANALYSIS	4
ECON 202	*INTRODUCTION TO MACROECONOMICS	4
<b>Upper-Division Electives</b>		
Choose 5 classes from courses not listed above or below or approved by advisor - 2 must be AEC courses		
<i>Experiential Learning</i>		
Select from one of the areas below:		2-6
AEC 401	RESEARCH AND SCHOLARSHIP	
AEC 406	PROJECTS (Development, Analysis or Service Project)	

AEC 410	INTERNSHIP	
<i>Computer Course</i>		3-4
AG 111 or CS 101	INFORMATION TECHNOLOGY IN AGRICULTURE COMPUTERS: APPLICATIONS AND IMPLICATIONS	
<i>GIS Course</i>		3-4
FW 303	SURVEY OF GEOGRAPHIC INFORMATION SYSTEMS IN NATURAL RESOURCE	
or GEOG 360 or HORT 414	GISCIENCE I: GEOGRAPHIC INFORMATION SYSTEMS AND THEORY PRECISION AGRICULTURE	
<i>Mathematics</i> <sup>1</sup>		
MTH 111	*COLLEGE ALGEBRA	4
MTH 241 or MTH 251	*CALCULUS FOR MANAGEMENT AND SOCIAL SCIENCE *DIFFERENTIAL CALCULUS	4
<i>Statistics</i> <sup>1</sup>		
ST 351	INTRODUCTION TO STATISTICAL METHODS	4
ST 352	INTRODUCTION TO STATISTICAL METHODS	4
<i>Additional Writing Course</i> <sup>1</sup>		
WR 323 or WR 327	*ENGLISH COMPOSITION *TECHNICAL WRITING	3
<b>Total credits required for graduation</b>		<b>180</b>

\* Baccalaureate Core Course (BCC)

^ Writing Intensive Course (WIC)

<sup>1</sup> Must earn a grade of C- or higher

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