

ENVIRONMENTAL ECONOMICS & SUSTAINABILITY: MANAGEMENT (BA)

The Environmental Economics and Sustainability major provides students rigorous training in economics and awareness of sustainability challenges, including global climate change, food production, environmental conservation, and social justice. Training in economics provides knowledge of how individuals and governments make decisions and the ways in which the economy can be structured and managed for the common good, training that is a crucial part of solving sustainability challenges. The Management concentration is intended for students seeking a business or consulting career.

CURRICULUM

Code	Title	Hours
Environmental Economics & Sustainability: Management Core		
ENVS 137	Foundations of Environmental Science I	3
ENVS 200	Environmental Careers and Professional Skills	1
ENVS 237	Foundations of Environmental Science II	3
ENVS 238	Foundations of Environmental Science Lab	1
ENVS 280	Principles of Ecology	3
ENVS 283	Environmental Sustainability	3
ENVS 286	Principles of Ecology Lab	1
ENVS 335	Ecological Economics	3
ECON 201	Principles of Microeconomics	3
ECON 202	Principles of Macroeconomics	3
ECON 303	Intermediate Microeconomics	3
PLSC 392	Environmental Politics	3
MATH 131 or MATH 161	Applied Calculus I Calculus I	3-4
STAT 103 or ISSCM 241	Fundamentals of Statistics Business Statistics	3
ENVS 284 or PHIL 287 or THEO 204	Environmental Justice Environmental Ethics Religious Ethics and the Ecological Crisis	3
Management Concentration Required Courses		
MGMT 201	Managing People and Organizations	3
ENVS 363	Sustainable Business Management	3
Management Concentration Electives		
<i>Choose two of the following:</i>		6
ECON 328	Environmental Economics	
ECON 346	Econometrics	
ECON 360	Labor Economics	
MARK 320	Marketing for Environmental Sustainability	
SCMG 346	Sustainable Supply Chain	
<i>Choose two of the following:</i>		6
ENVS 332	Industrial Ecology	
ENVS 333	Introduction to the Circular Economy	
ENVS 336	Design for Circular & Sustainable Business	
ENVS 364	Sustainability Management in the Global Context	

ENVS 384	Conservation Economics	
Capstone		
ENVS 390 or ENVS 391C or ENVS 395C	Integrative Seminar Independent Environmental Research (Capstone) Environmental Internship (Capstone)	3
Total Hours		60

LEARNING OUTCOMES

- Understand how the economy, the environment, and human development goals are linked.
- Understand how economic theory and quantitative analysis can be used to evaluate social and economic outcomes.
- Analyze who benefits or is harmed by economic and environmental policies; identify how benefits and harms are distributed in a population.
- Communicate with professionals about tradeoffs, property rights, ecosystem services, values and related economic measures, inequities, externalities, environmental degradation, and systems thinking.
- Have specialized expertise in using either the governance process or business management to solve social and environmental challenges.
- Succeed in graduate school and work in professional fields.

SES Shared Learning Outcomes

All SES majors share the following Program Learning Objectives, in addition to their unique major-specific Program Learning Objectives:

1. Articulate the foundational principles of natural and social sciences and humanities essential to solving environmental problems.
2. Critically evaluate the accuracy and credibility of information relating to environmental topics.
3. Employ knowledge and skills to design and implement solutions that contribute to a just and sustainable world.
4. Exemplify the values of environmental and social justice through actions to care for our common home and one another.