

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.

Related Programs

Minor

- Environmental Economics and Sustainability Minor (<https://catalog.luc.edu/undergraduate/environmental-sustainability/environmental-economics-sustainability/environmental-economics-sustainability-minor/>)

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 Chemistry	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
MATH 130	Business Calculus	3-4
or MATH 131	Applied Calculus I	
or MATH 161	Calculus I	
ECON 201	Principles of Microeconomics	3
ECON 202	Principles of Macroeconomics	3
ECON 303	Intermediate Microeconomics	3
ENVS 335	Ecological Economics	3
PLSC 392	Environmental Politics	3
STAT 103	Fundamentals of Statistics	3
or ISSCM 241	Business Statistics	
or ENVS 203	Environmental Statistics	
ENVS 284	Environmental Justice	3
or PHIL 287	Environmental Ethics	
or THEO 204	Religious Ethics and the Ecological Crisis	
Management Concentration Required Courses		
MGMT 201	Managing People and Organizations	3
ENVS 363	Sustainable Business Management	3
Capstone Choice		
ENVS 390	Integrative Seminar	3
or ENVS 391C	Independent Environmental Research (Capstone)	
or ENVS 395C	Environmental Internship (Capstone)	

Management Concentration Electives (p. 1)	12
See designated elective categories below.	

Total Hours	60-61
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Electives

Code	Title	Hours
List A		
Select two of the following:		
ECON 328	Environmental Economics	3
ECON 360	Labor Economics	3
ECON 346	Econometrics	3
MARK 320	Marketing for Environmental Sustainability	3
SCMG 346	Sustainable Supply Chain	3
List B		
Select two of the following:		
ENVS 333	Introduction to the Circular Economy	3
ENVS 336	Design for Circular & Sustainable Business	3
ENVS 384	Conservation Economics	3

Suggested Sequence of Courses

The below sequence of courses is meant to be used as a suggested path for completing coursework. An individual student's completion of requirements depends on course offerings in a given term as well as the start term for a major of graduate study. Students should consult their advisor for assistance with course selection.

Course	Title	Hours
Year One		
Fall		
ENVS 137	Foundations of Environmental Science I	3
Hours		3
Spring		
ENVS 203	Environmental Statistics	3
ENVS 237	Foundations of Environmental Chemistry	3
ENVS 238	Foundations of Environmental Science Lab	1
Justice & Ethics Choice		3
Hours		10
Year Two		
Fall		
ECON 201	Principles of Microeconomics	3
ENVS 200	Environmental Careers and Professional Skills	1
ENVS 280	Principles of Ecology	3
ENVS 286	Principles of Ecology Lab	1
Hours		8
Spring		
ECON 202	Principles of Macroeconomics	3
Hours		3
Year Three		
Fall		
ECON 328	Environmental Economics	3
or ENVS 310	or Introduction to Environmental Law & Policy	
ENVS 335	Ecological Economics	3

MATH 131 or MATH 161	Applied Calculus I or Calculus I	3-4
Hours		9
Spring		
ECON 303	Intermediate Microeconomics	3
ECON 328 or ENV 310	Environmental Economics or Introduction to Environmental Law & Policy	3
PLSC 392	Environmental Politics	3
Hours		9
Year Four		
Fall		
ENV 283	Environmental Sustainability	3
Management Elective List A		3
Management Elective List B		3
Hours		9
Spring		
Capstone Choice		3
Management Elective List A		3
Management Elective List B		3
Hours		9
Total Hours		60

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.

School of Environmental Sustainability Graduation Requirements

All SES students are required to complete a foreign language requirement and a writing intensive requirement. The SES language requirement can be fulfilled by 1) earning college credit at the 102-level or above; or 2) demonstrating proficiency via the SES foreign language proficiency examination. The SES writing intensive requirement is fulfilled by successfully completing two Loyola WI courses (max of one per semester). Writing intensive courses have a "W" in the section number.

Additional Undergraduate Graduation Requirements

All Undergraduate students are required to complete the University Core, at least one Engaged Learning course, and UNIV 101. SCPS students are not required to take UNIV 101. Nursing students in the Accelerated BSN program are not required to take core or UNIV 101. You can find more information in the University Requirements (<https://catalog.luc.edu/undergraduate/university-requirements/>) area.

Learning Outcomes

- Explain the interconnection between human development, the economy, and the environment
- Understand how economic theory and analysis can be used to evaluate social and economic outcomes.
- Analyze how businesses can integrate environmental and social considerations into decision-making that aligns financial with environmental sustainability.
- Describe the impacts of business and industry on social outcomes, the economy, and environmental sustainability