

# ENVIRONMENTAL ECONOMICS & SUSTAINABILITY: GOVERNANCE (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 Governance concentration is intended for students seeking a career in government, non-governmental organization (NGO), or law.

## Related Programs

No results found.

## Curriculum

Code	Title	Hours
<b>Environmental Economics &amp; Sustainability: Governance Foundation</b>		
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 286	Principles of Ecology Lab	1
ENVS 283	Environmental Sustainability	3
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
MATH 130	Business Calculus	3-4
or MATH 131	Applied Calculus I	
or MATH 161	Calculus I	
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	
<b>Governance Concentration Required Courses</b>		
ECON 328	Environmental Economics	3
ENVS 310	Introduction to Environmental Law & Policy	3
<b>Capstone Choice</b>		
ENVS 390	Integrative Seminar	3
or ENVS 391C	Independent Environmental Research (Capstone)	
or ENVS 395C	Environmental Internship (Capstone)	
<b>Governance Concentration Electives (p. 1)</b>		<b>12</b>

See designated elective categories below

<b>Total Hours</b>	<b>60-61</b>
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## Electives

Code	Title	Hours
<b>List A</b>		
Select two of the following:		6
ECON 320	Urban Economics	
ECON 325	Economics of Growth & Development	
ECON 329	Health Economics	
ECON 334	Economics of Government Expenditures & Taxation	
ECON 346	Econometrics	
<b>List B</b>		
Select two of the following:		6
ENVS 311	Natural Resources and Land Use Law & Policy	
ENVS 312	Water Law & Policy	
ENVS 313	Energy Law & Policy	
ENVS 327	Food Systems Analysis	
ENVS 384	Conservation Economics	
<b>Total Hours</b>		<b>12</b>

## 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 or graduate study. Students should consult their advisor for assistance with course selection.

Course	Title	Hours
<b>Year One</b>		
<b>Fall</b>		
ENVS 137	Foundations of Environmental Science I	3
		<b>Hours</b>
		<b>3</b>
<b>Spring</b>		
ENVS 203	Environmental Statistics	3
ENVS 237	Foundations of Environmental Chemistry	3
ENVS 238	Foundations of Environmental Science Lab	1
Justice & Ethics Choice		3
		<b>Hours</b>
		<b>10</b>
<b>Year Two</b>		
<b>Fall</b>		
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
		<b>Hours</b>
		<b>8</b>
<b>Spring</b>		
ECON 202	Principles of Macroeconomics	3
		<b>Hours</b>
		<b>3</b>

**Year Three****Fall**

ECON 328 or ENVS 310	Environmental Economics or Introduction to Environmental Law & Policy	3
ENVS 335	Ecological Economics	3
MATH 131 or MATH 161	Applied Calculus I or Calculus I	3-4
<b>Hours</b>		<b>9</b>

**Spring**

ECON 303	Intermediate Microeconomics	3
ECON 328 or ENVS 310	Environmental Economics or Introduction to Environmental Law & Policy	3
PLSC 392	Environmental Politics	3
<b>Hours</b>		<b>9</b>

**Year Four****Fall**

ENVS 283	Environmental Sustainability	3
Governance Elective List A		3
Governance Elective List B		3
<b>Hours</b>		<b>9</b>

**Spring**

Capstone Choice		3
Governance Elective List A		3
Governance Elective List B		3
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>60</b>

- Analyze how policy interventions can shift an economy to achieve a balance of ecological and socioeconomic objectives.

**SES Shared Learning Outcomes**

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

- Articulate the foundational principles of natural and social sciences and humanities essential to solving environmental problems.
- Critically evaluate the accuracy and credibility of information relating to environmental topics.
- Employ knowledge and skills to design and implement solutions that contribute to a just and sustainable world.
- 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 interconnections between human development, the economy, and the environment and articulate how economic theory and analysis can be used to evaluate social and economic outcomes.
- Describe how policy affects business and economic activity to achieve human development and environmental sustainability goals.