

ENVIRONMENTAL STUDIES MAJOR

www.shu.edu/academics/artsci/ba-environmental-studies (<http://www.shu.edu/academics/artsci/ba-environmental-studies/>)

Director: Thomas Rzezniak, Ph.D.

The Environmental Studies Program is dedicated to the rigorous interdisciplinary education of its students, to the integration of the principles of sustainability into the curriculum and campus life, to experiential learning, and to ongoing ethical considerations of pressing environmental issues. As a major Catholic university, Seton Hall seeks to make significant contributions to sustainability efforts in New Jersey and the region. Questions are framed in the context of social justice and a broad understanding of the Catholic intellectual tradition. Students are challenged by outstanding faculty and work in evolving and technologically-advanced settings. The program prepares students to be leaders in their professional lives and responsible citizens of a global society that is facing immense challenges of limited resources and global climate change.

Environmental studies prepares students to lead the transition to a more environmentally, economically and socially sustainable society, one that balances the needs of the present with those of future generations. Environmental studies provides a multidisciplinary opportunity for the study of the complex relationships between human society and the natural environment, and the environmental consequences that human policies and actions have on our communities and individual lives. The course of study challenges students to understand environmental issues from various disciplinary perspectives, stressing the use of critical thinking, collaborative problem-solving and effective communication. Students benefit from on-campus and extracurricular events with environmental experts regarding specific environmental issues.

The environment protects and sustains life, yet the unrestrained use of the earth's resources causes problems that affect all humankind. The broad-based acceptance of this statement is producing profound economic and political changes in society at large. This is a topic that transcends several disciplines. Courses in environmental studies are taught by faculty drawn from disciplines across the university, including natural sciences, economics, social sciences, philosophy, history and literature. These courses are rigorous within their traditional disciplines, from natural sciences to political science, philosophy, economics, management and sociology.

Partial scholarships include the Landsberger Foundation Scholarship awarded annually through an essay competition.

The Bachelor of Arts in Environmental Studies includes three tracks: public policy, education, and supply chain management. The education track offers a double major in environmental studies and elementary education with an option for Middle School science certification. The supply chain management track includes a certificate from the Stillman School of Business in Supply Chain Management.

Minors in environmental studies and environmental science are also offered. The Minor in Environmental Studies complements any major, and the Minor in Environmental Sciences is designed for students majoring in the natural sciences.

Link to College Core requirement (<http://catalogue.shu.edu/undergraduate/college-arts-sciences/core-curriculum/>).

Required Courses for all Tracks

Code	Title	Hours
Required		
ENVL 1011	Introduction to Environmental Studies	3
ECON 1402	Principles of Economics I	3
ENVL/PHIL 2115	Environmental Ethics	3
ENVL/BIOL 2122	Introduction to Ecology	4
Earth or Physical Science		
Select one of the following:		3
ENVL/ERTH 1019	Introduction to Geology	
ENVL/GEOG 1111	Fundamentals of Geography	
PHYS 1001	Intro to Physical Science	
Natural Science		
Select one of the following:		3-4
BIOL 1101	Introduction to Biology *	
BIOL 1104	Biology in the World Around Us *	
CHEM 1001	Chemistry and the World Around Us - An Integrative Approach *	
Capstone		
ENVL 5050	Senior Capstone	3
Tracks		
Select one of the following:		15
Environmental Education Track (p. 1)		
Environmental Policy Track (p. 2)		
Supply Chain Management Track (p. 2)		
Total Hours		37-38

* Satisfies the A&S Core Curriculum requirements.

Tracks: Environmental Education Track

For students interested in enhancing public awareness of environmental issues through schools, non-profit organizations and community-based organizations

Code	Title	Hours
One additional physical science course *		3
One additional natural science course *		3
ENVL 4511	Practicum in Environmental Studies **	3
EDST 4001	Senior Internship	6
Two ENVL electives (p. 2)		6
Total Hours		21

* Select from the list of required courses.

** Waived for students who complete student teaching EDST 4001 Senior Internship.

Environmental Policy Track

For students interested in developing skills for work in the public sector: local, regional, national and international levels.

Code	Title	Hours
ENVL/POLS 2910	Research Methods for Social Sciences	3
ENVL 3014	Ecology and Politics	3
POLS 1111		3
Select two ENVL electives from the list below (p. 2)		6
Total Hours		15

Supply Chain Management Track

Code	Title	Hours
BQUA 2812	Quantitative Decision Making	3
BITM 3732	Enterprise Resource Planning Systems	3
BITM 3741	Supply Chain Management	3
Select one of the following:		3
BITM 3753	Enterprise-Wide Accounting Information Systems II	
BMKT 4629	Sales and Personal Selling	
BMGT 4562	Negotiation	
BQUA 3840	Procurement Management	
One additional ENVL Elective Course (p. 2)		3
Total Hours		15

ENVL Elective Courses

Code	Title	Hours
COMM 1421	Writing for the Media	3
DIPL 3201	Sustainable Development	3
ENGL 3426	Literature and Nature	3
ENGL 3514	Scientific and Technical Writing	3
ENVL 2311/ ANTH 2321	Population, Ecology, and the Environment	3
ENVL/HIST 2321	Environmental History of the United States	3
ENVL 2910	Research Methods for Social Sciences	3
ENVL/POLS 3014	Ecology and Politics	3
ENVL 3050	Sustainable Food Systems	3
ENVL 3051	Selected Topics in Environmental Studies	3
ENVL 3052	Selected Topics in Environmental Studies	3
ENVL 3053	Special Topics: Environ St	3
ENVL 3054	ST - Envl Systems-Technologies	3
ENVL 3059	ST NJ Environmental Nonprofits	3
ENVL 3150	Geographic Information Systems	3
ENVL/CORE 3200	Engaging the World: Sustainability in the Marine Environment	3
ENVL/CORE/ PHIL 3592	Human and the Natural World: Ideas that Matter	3
ENVL 3593	Permaculture Design	3
ENVL 3594	*	1
ENVL 4111	Reading and Writing Tutorial in Environmental Studies	1
ENVL 4112	Reading and Writing Tutorial in Environmental Studies	2

ENVL 4113	Reading and Writing Tutorial in Environmental Studies	3
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