ENVIRONMENTAL STUDIES, B.A.

Environmental studies at Saint Louis University focuses on relationships between the natural environment and social, economic, political, legal and humanistic aspects of society.

As global population and consumption rise, understanding the interplay between environmental and social systems has become an increasingly important component of decision-making and planning. SLU's Bachelor of Arts in Environmental Studies helps prepare students for careers emphasizing a dual awareness of scientific and social perspectives and their relationship to the natural environment.

Curriculum Overview

The environmental studies curriculum at Saint Louis University is built upon a breadth-plus-depth model. All students in environmental studies are required to complete a core set of preparatory science and skill-development courses that provide a broad introduction to the environmental sciences. Students then choose a specialized concentration that provides more advanced instruction in their areas of interest to help prepare them for careers after graduation. The program has been developed through collaboration with many departments on campus, and it provides considerable flexibility in course selection within the tracks. For most students, the program fuses an understanding of environmental science with the approximate equivalent of a self-designed minor in their specific area of interest.

Environmental studies students take a minimum of 38 credits of math and science core classes. Students then choose from one of the following concentrations:

- Advocacy and discourse
- Economics, politics and public policy
- Natural sciences
- Philosophy, religion and ethics
- Society and the environment through space and time

Fieldwork and Research Opportunities

Weekend field trips, canoe trips and social events are scheduled throughout the year. One perk associated with this major is the opportunity to join other faculty and students on annual, weeklong field trips across the country. Visit environmentally important sites and get to know the faculty, other students and alumni who join the trips.

Undergraduate students in the environmental studies program can pursue internship opportunities through the Department of Earth, Environmental and Geospatial Science or in collaboration with other departments on campus. Students also have the option to participate in a capstone project designed to provide a real-world perspective as part of their undergraduate training.

Careers

The environmental studies program prepares students for careers in business, law, government or wherever knowledge of scientific and social perspectives on the environment is important. Students also have the opportunity to prepare for more advanced degrees in a wide range of fields, including law, economics and public policy.

Admission Requirements

Begin Your Application (https://www.slu.edu/apply.php)

Saint Louis University also accepts the Common Application.

Freshman

All applications are thoroughly reviewed with the highest degree of individual care and consideration to all credentials that are submitted. Solid academic performance in college preparatory coursework is a primary concern in reviewing a freshman applicant's file.

To be considered for admission to any Saint Louis University undergraduate program, applicants must be graduating from an accredited high school, have an acceptable HiSET exam score or take the General Education Development (GED) test.

Transfer

Applicants must be a graduate of an accredited high school or have an acceptable score on the GED or HiSET.

Students who have attempted fewer than 24 semester credits (or 30 quarter credits) of college credit must follow the above freshmen admission requirements. Students who have completed 24 or more semester credits (or 30 quarter credits) of college credit must submit transcripts from all previously attended college(s).

In reviewing a transfer applicant's file, the Office of Admission holistically examines the student's academic performance in college-level coursework as an indicator of the student's ability to meet the academic rigors of Saint Louis University. Where applicable, transfer students will be evaluated on any courses outlined in the continuation standards of their preferred major.

International Applicants

All admission policies and requirements for domestic students apply to international students along with the following:

- Demonstrate English Language Proficiency (https://catalog.slu.edu/academic-policies/office-admission/undergraduate/english-language-proficiency/)
- All academic records must include an English translation. An official course-by-course transcript evaluation may be required and accepted.

Tuition

Tuition	Cost Per Year
Undergraduate Tuition	$56,960

Additional charges may apply. Other resources are listed below:

Net Price Calculator (https://www.slu.edu/financial-aid/tuition-and-costs/calculator.php)

Information on Tuition and Fees (https://catalog.slu.edu/academic-policies/student-financial-services/tuition/)

Miscellaneous Fees (https://catalog.slu.edu/academic-policies/student-financial-services/fees/)

Information on Summer Tuition (https://catalog.slu.edu/academic-policies/student-financial-services/tuition-summer/)

Scholarships and Financial Aid

There are two principal ways to help finance a Saint Louis University education:

- **Scholarships:** Scholarships are awarded based on academic achievement, service, leadership and financial need.
- **Financial Aid:** Financial aid is provided through grants and loans, some of which require repayment.

Saint Louis University makes every effort to keep our education affordable. In fiscal year 2023, 99% of first-time freshmen and 92% of all students received financial aid (https://www.slu.edu/financial-aid/) and students received more than $459 million in aid University-wide.

For priority consideration for merit-based scholarships, apply for admission by December 1 and complete a Free Application for Federal Student Aid (FAFSA) by February 1.

For more information on scholarships and financial aid, visit the Office of Student Financial Services (https://www.slu.edu/financial-aid/).

Learning Outcomes

1. Graduates will know the founding principles in their field of study, as well as the facts and content appropriate to the field.
2. Graduates will be able to use their knowledge to reason about issues in their discipline.
3. Graduates will be able to solve quantitative problems in their discipline.

Requirements

Students in the bachelor's environmental studies program must complete a minimum total of **58 credits** for the major.

Code	Title	Credits
University Undergraduate Core (https://catalog.slu.edu/academic-policies/academic-policies-procedures/university-core/)		**32-35**
Major Requirements		
Physical Sciences		
EAS 1430 & EAS 1435	Introduction to the Solid Earth and Introduction to the Solid Earth Lab	4
EAS 1030	Earth's Dynamic Environment II	3
Chemistry Elective		*3-4*
Select one of the following:		
CHEM 1000	Chemistry and the Environment	
CHEM 1xxx (https://catalog.slu.edu/courses-az/chem/)	Any chemistry course	
Life Sciences		*6-8*
Select two of the following:		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory	
BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	
BIOL 1200	Ecological Issues and Society	
BIOL 1340	Diversity of Life	
Integrated Science Course		
EAS 3100	Environmental Issues	3
Mathematical/Statistics Requirement		*3-4*
Select one of the following:		
MATH 1200	College Algebra	
MATH 1400	Pre-Calculus	
MATH 1510	Calculus I	
Mathematical/Statistics Elective		*3-4*
Select one of the following:		
OPM 2070	Introduction to Business Statistics	
MATH 1510	Calculus I	
MATH 1520	Calculus II	
PSY 2050	Foundations of Research Methods and Statistics	
STAT 1300	Elementary Statistics with Computers	
Skill Development		
CMM 1200	Public Speaking	3
GIS 4010	Introduction to Geographic Information Systems	3
Senior Experience		
EAS 4910	Internship	3
Environmental Studies Concentration *		**24-27**
First Tier Courses		
Students must choose one course from each of the concentrations' First Tier courses		
Second Tier Courses		
Students choose 9-12 credits from the Second Tier courses from their primary concentration. Additionally, any First Tier course in concentrations other than the primary concentration can be used to satisfy this requirement.		
Advocacy and Discourse (p. 3)		
Economics, Politics, and Public Policy (p. 3)		
Natural Sciences (p. 3)		
Philosophy, Religion, and Ethics (p. 3)		
Society and the Environment through Space and Time (p. 3)		
General Electives		**19-30**
Total Credits		**120**

* Students who choose to select two major concentrations may apply a maximum of 12 credits from an individual department towards completion of both concentrations. One Second Tier course may be applied simultaneously towards the completion requirements of both major concentrations.

Non-Course Requirements

All School of Science and Engineering B.A. and B.S. students must complete an exit interview/survey near the end of their bachelor's program.

Continuation Standards

Students must have a minimum of a 2.0 GPA in their major courses (EAS) and required related credits (biology, chemistry, mathematics and computer sciences, physics, etc.) by the conclusion of their freshman year. Students that fall below a 2.0 GPA will be placed on probation. If a student fails to obtain at least a 2.0 GPA in their major courses and required related credits by the conclusion of their sophomore year they will not be allowed to continue in the program.

Advocacy and Discourse Concentration

Code	Title	Credits
First Tier Courses		
CMM 2100	Journalism: News Writing	3
CMM 3060	Political Communication	3
Second Tier Courses		
CMM 3200	Organizational Communication	3
CMM 3060	Political Communication	3
CMM 3600	Public Relations Principles and Practices	3
CMM 4430	Culture, Technology and Communication	3
ENGL 3885	Writing Personal Narratives	3
ENGL 3590	Nature and Literature	3
PHIL 3450	Disaster Narratives	3

Economics, Politics and Public Policy Concentration

Code	Title	Credits
First Tier Courses		
ECON 1900	Principles of Economics [1]	3
POLS 1100	Introduction to American Government	3
Second Tier Courses		
CMM 3060	Political Communication	3
ECON 3140	Intermediate Microeconomics	3
POLS 2600	Introduction to International Political Economy	3
POLS 3600	Problems of Globalization	3
POLS 3640	International Law	3
POLS 4730	Seminar: Contemporary Political Ideologies	3

[1] Required when Economics, Politics, and Public Policy is the primary concentration.

Natural Sciences Concentration

Code	Title	Credits
First Tier Courses		
EAS 1600	Sustainable Energy	3
BIOL 1200	Ecological Issues and Society	3
BIOL 1340	Diversity of Life	3
BIOL 3450	Economic Botany	3
Second Tier Courses		
Any upper-division BIOL, CHEM, or EAS course. [2]		

[2] Note that many upper-division science courses have BIOL 1240 General Biology: Information Flow and Evolution (3 cr) and BIOL 1260 General Biology: Transformations of Energy and Matter (3 cr), CHEM 1110 General Chemistry 1 (3 cr) and CHEM 1125 General Chemistry 2 Laboratory (1 cr), and/or MATH 1510 Calculus I (4 cr) as pre-requisites.

Philosophy, Religion and Ethics Concentration

Code	Title	Credits
First Tier Courses		
PHIL 3420	Environmental and Ecological Ethics	3
THEO 2820	Religion and Science [1]	3
THEO 3510	Faith and Politics	3
THEO 3525	Green Discipleship: Theology & Ecology	3
Second Tier Courses		
ANTH 2210	Biological Anthropology	3
PHIL 4150	Philosophy of Science	3
ANTH 2200	Cultural Anthropology	3
THEO 3510	Faith and Politics	3
THEO 4930	Special Topics	3

[1] Required when Philosophy, Religion, and Ethics is the primary concentration.

Society and the Environment through Space and Time Concentration

Code	Title	Credits
First Tier Courses		
SOC 1180	World Geography [1]	3
ANTH 2200	Cultural Anthropology	3
ANTH 3270	Climate Change & Environmental Futures	3
HIST 3660	History of Nature in America	3
Second Tier Courses		
ANTH 2210	Biological Anthropology	3
POLS 3330	Metropolitan Environment	3
POLS 3600	Problems of Globalization	3
POLS 3640	International Law	3
POLS 4730	Seminar: Contemporary Political Ideologies	3
SOC 4640	Demographic Methods, Analysis, and Public Policy	3

[1] Required when Society and the Environment through Space and Time is the primary concentration.

Roadmap

Roadmaps are recommended semester-by-semester plans of study for programs and assume full-time enrollment unless otherwise noted.

Courses and milestones designated as critical (marked with !) must be completed in the semester listed to ensure a timely graduation. Transfer credit may change the roadmap.

This roadmap should not be used in the place of regular academic advising appointments. All students are encouraged to meet with their

advisor/mentor each semester. Requirements, course availability and sequencing are subject to change.

Course	Title	Credits
Year One		
Fall		
EAS 1430 & EAS 1435	Introduction to the Solid Earth and Introduction to the Solid Earth Lab	4
Math Course	College algebra, pre-calculus, or calculus	3
CORE 1500	Cura Personalis 1: Self in Community	1
University Core and/or General Electives		4
	Credits	**12**
Spring		
EAS 1030	Earth's Dynamic Environment II	3
Biology Course		3
University Core and/or General Electives		6
	Credits	**12**
Year Two		
Fall		
Chemistry course		3
Math course	A statistics class or Calculus	3
Courses in chosen Concentration		6
University Core and/or General Electives		6
	Credits	**18**
Spring		
Biology course		3
CMM 1200 or EAS 2450	Public Speaking or Communicating in Science	3
Course in chosen Concentration		3
University Core and/or General Electives		6
	Credits	**15**
Year Three		
Fall		
EAS 3100	Environmental Issues	3
Course in chosen Concentration		3
University Core and/or General Electives		9
	Credits	**15**
Spring		
Course in chosen Concentration		3
Course in chosen Concentration		3
University Core and/or General Electives		9
	Credits	**15**
Summer		
EAS 4910	Internship	3
	Credits	**3**
Year Four		
Fall		
GIS 4010	Introduction to Geographic Information Systems	3
Course in chosen Concentration		3
Course in chosen Concentration		3
University Core and/or General Electives		6
	Credits	**15**
Spring		
Course in chosen Concentration		3
Course in chosen Concentration		3
University Core and/or General Electives		9
	Credits	**15**
	Total Credits	**120**

Madrid

The Bachelor of Arts in Environmental Studies program at SLU-Madrid focuses on relationships between the natural environment and the society's social, economic, political, legal and humanistic aspects.

As global population and consumption rise, understanding the interplay between environmental and social systems is an increasingly important component of planning and decision-making. SLU-Madrid's B.A. in environmental studies prepares students for careers that emphasize a dual awareness of scientific and social perspectives and their relationship to the natural environment.

Curriculum Overview

SLU-Madrid's environmental studies academic curriculum is completely integrated with its counterpart offered at the U.S. campus. Students can complete the B.A. environmental studies entirely in Madrid, or they may transfer freely between Spain and the U.S. throughout their undergraduate degree program.

The environmental studies curriculum at Saint Louis University is built upon a breadth-plus-depth model. All students entering the environmental studies program are required to complete a core set of preparatory science and skill development courses that provide a broad introduction to the environmental sciences. Students then choose a specialized concentration that provides more advanced instruction in their areas of interest to help prepare them for careers after graduation.

A B.A. in environmental studies is appropriate for students who are interested in public policy associated with environmental science or in pursuing graduate studies. This interdisciplinary program is also an excellent option for students interested in double-majoring and pairs well with degrees in communication, economics, international politics and Spanish. Adding environmental studies to other majors offers students a strong understanding of environmental issues viewed through their different disciplines. In addition, a double major can help students qualify for graduate scholarships and ensure they are qualified for jobs requiring multi-disciplinary preparation.

Faculty

The faculty at Saint Louis University-Madrid are experts in their respective fields. They are internationally recognized teachers, researchers and mentors. Learn about our faculty members (https://www.slu.edu/madrid/academics/faculty/faculty-profiles.php), including their education, credentials, experience and contact information.

Fieldwork, Internships and Careers

SLU-Madrid's environmental science faculty organize one-day and weekend field trips where students can visit research institutes, natural parks and natural reserves and carry out fieldwork in environmentally important sites in the Madrid region and around Spain.

SLU-Madrid's environmental studies program prepares students for international careers in business, government or careers where

knowledge of scientific and social perspectives on the environment is important. Students also have the opportunity to prepare for more advanced degrees in a wide range of fields, including law, economics and public policy.

Admission

SLU-Madrid Application (https://www.slu.edu/madrid/apply.php)

Application Deadlines

- May 1 - Fall admission (Aug. 1 for EU students)
- Sept. 1 - Spring admission (Dec. 1 for EU students)
- March 1 - Summer sessions (for applicants who require a student visa)
- April 15 - Summer sessions (for applicants who do not require a student visa)

Contact Us

Office of Admissions
Avenida del Valle, 34
28003 Madrid, Spain
P. (+34) 91 554 58 58
admissions-madrid@slu.edu
Office Hours: Mondays through Fridays: 9 a.m. to 6 p.m. (3 p.m. on Fridays from May 15 – Sept. 1)

Tuition and Fees

SLU-Madrid is committed to providing a quality Jesuit education at an affordable price. Tuition rates at the Madrid campus are approximately 40% lower than at comparable private universities in the U.S.

If you have questions or would like to speak with a financial aid officer, email us at financialaid-madrid@slu.edu.

- Tuition and Fees (https://www.slu.edu/madrid/admissions/tuition-fees.php)
- Scholarships and Financial Aid (https://www.slu.edu/madrid/admissions/scholarships-financial-aid.php)