

SAINT LOUIS UNIVERSITY MADRID

NATURAL SCIENCES

DEGREES

(2 YEARS IN MADRID + 2 YEARS IN ST. LOUIS)

- + B.S. or B.A. in Biology - Biological Sciences
- + B.S. in Biology - Biological Chemistry and Molecular Biology
- + B.S. in Biology - Cell Biology and Physiology
- + B.S. in Biology - Ecology, Evolution and Conservation
- + B.S. in Biology - Plant Sciences

+ B.S. or B.A. in Chemistry

+ B.S. or B.A. in Environmental Science

Students may also complete a minor in biology at the Madrid Campus.

PROGRAM OVERVIEW

Natural science academic curricula at SLU-Madrid are completely integrated with those of Saint Louis University in St. Louis, Missouri. Students may begin their natural science degree at SLU-Madrid and transfer to the St. Louis campus to complete their studies.

In keeping with the Jesuit tradition of promoting the development of the whole person, our science programs include the Arts and Sciences Core Curriculum. The Core provides a framework for acquiring a broad foundation of knowledge in the humanities, natural sciences and social sciences.

SLU-Madrid offers small class sizes so students get personal attention from faculty and staff. Hands-on experience in modern laboratory facilities complements lectures.

All SLU-Madrid programs are fully accredited in the U.S. and are recognized by the Spanish *Consejería de Ciencia, Universidades e Innovación*.

CURRICULUM

Biology courses offered at SLU-Madrid:

- + Ecological Issues and Society
- + Principles of Biology I + Lab
- + Principles of Biology II + Lab
- + Exercise and Health
- + Molecular Cellular Biology I: Cellular Biochemistry and Molecular Biology
- + Molecular Cellular Biology II: Cellular Structure and Function

Chemistry courses offered at SLU-Madrid:

- + General Chemistry 1 + Lab
- + General Chemistry 2 + Lab
- + Organic Chemistry 1 + Lab
- + Organic Chemistry 2 + Lab
- + Principles of Biochemistry

Earth Sciences courses offered at SLU-Madrid:

- + Earth's Dynamic Environment I + Lab
- + Earth's Dynamic Environment II
- + Introduction to Oceanography
- + Introduction to Environmental Science
- + Water - Our Precious Resource
- + Special Topics - Introduction to Oceanography
- + Sustainable Development in Latin America
- + Global Change

SLU.EDU/MADRID

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Phone (+34) 91 554 5858 /// admissions-madrid@slu.edu /// www.slu.edu/madrid

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Learn More For course listings and more information about our faculty, visit
<https://www.slu.edu/madrid/academics/departments/science-engineering/natural-sciences.php>



SAINT LOUIS
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WHY CHOOSE A NATURAL SCIENCE PROGRAM?

At SLU-Madrid, we are committed to fostering scientific literacy, which includes training students in the scientific method of learning and research. Our programs place students in a community of enthusiastic learners, working with faculty members who are committed to excellence in teaching, mentoring and scholarship, and are actively engaged in the natural sciences.

Graduates leave with a strong natural-science background, mathematical skills, and the ability to work independently. SLU-Madrid graduates also have excellent oral and written communication and problem-solving abilities.

Employment Sectors:

Employment opportunities for biology graduates include positions at museums, zoological and botanical gardens, and hospitals. Graduates also pursue careers in education, business, sales, research and management.

Career options for graduates with degrees in chemistry or biochemistry include: teaching, chemical research and development, drug discovery and development, management, biotechnology, environmental research, patent law, environmental law and work in the public health sector.

Environmental science graduates typically go on to work for environmental companies, industry, government and non-profit organizations or continue their studies in graduate or professional schools. Many will help address topics such as global warming, energy resource depletion, loss of biodiversity, extinction, pollution, water resources and environmental hazards such as tsunamis, hurricanes and volcanic eruptions.

ADMISSION REQUIREMENTS

- + Online Application Form // Common Application
- + 2 letters of recommendation (encouraged)
- + Curriculum vitae/résumé (encouraged)

First-year Students:

- + Secondary school academic transcripts
- + University entrance exam scores (SAT/ACT, IB diploma, A-levels, Selectividad, etc.)

Transfer Students:

- + College transcript(s)
- + Proof of high school graduation

Non-native English speakers must submit an official English exam (TOEFL or IELTS).

Detailed information is available on our website.

SCHOLARSHIPS AND FINANCIAL AID

SLU-Madrid is committed to supporting students—and their families—who choose to invest in themselves and their future by studying at the Madrid Campus. Each student, from any state in the U.S., any region in Spain, or any country in the world, is eligible for University-funded aid. Scholarship/financial aid programs available include:

- + Merit Scholarships
- + Visiting Student Scholarships
- + Grants and Loans
- + Departmental Support Scholarships
- + Jesuit High School Award
- + Catholic High School Award
- + Madrid Campus Antiguos Alumnos Award
- + Family Award

For more information: financialaid-madrid@slu.edu

Contact

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Learn More For course listings and more information about our faculty, visit
<https://www.slu.edu/madrid/academics/departments/science-engineering/natural-sciences.php>