

Environmental Science/Studies

BACHELOR OF SCIENCE



Where It Can Take You

Understanding complexity gives you a framework to find meaningful work. The sciences open doors to technical fields and graduate study, and the environmental studies track prepares you for policy and service jobs, often with government or nonprofit agencies. The earth remains your lifelong laboratory.

Become a Leader

biological technician (entry level)
environmental administrator
environmental compliance officer
environmental consultant
environmental field scientist
environmental field technician (entry level)
environmental health specialists I–III
environmental manager
environmental scientist
environmental technician (entry level)
geospatial specialist
NEPA/EIA specialist
park naturalist
resource conservation coordinator
sustainability specialist
water quality technician (entry level)
water resource coordinator
GIS specialist
wetland scientist (entry level)
wildlife biologist environmental protection specialist I–III

Learn More

cnso.nova.edu

B.S. in Environmental Science/Studies

Earth matters. A changing environment needs highly educated people who can address both scientific and societal challenges. But how? How do we improve society while living within the limits of natural resources?

What you'll study

In addition to interdisciplinary courses, you will choose either the science track or the environmental studies track. Core courses ground you in Everglades ecology, chemistry, and environmental law. Electives expand into cell biology, biodiversity, and ecotourism. A theme of sustainability unites a diversity of fields.

How you'll learn more

Field studies, internships, and visits to local ecosystems all will be a part of your learning process. You will be living in an epicenter of extreme biodiversity and extreme development. Biology and sociology come alive as you struggle to find solutions to local and global problems.

Unique Opportunities

- Undergraduate Student Symposium and Film Festival: present your research or analytical work; awards presented
- local, national conferences: attend or present your work based on your interests
- lab facilities: equipment enables students to practice assessments in various specializations
- climate-sustainability lecture series: learn about the science, technology, and policies relating to climate change and sustainable development
- travel study: expand your learning in unique courses held in locales across the country and around the world
- national honor societies: join based on your academic achievement



ENVIRONMENTAL SCIENCE/STUDIES

BACHELOR OF SCIENCE

Environmental Science/Studies Major Curriculum 2016–2017

Students are required to complete 30 credit hours as part of the General Education Program. Freshmen starting in fall 2016 or later are required to successfully complete the First-Year Seminar (UNIV 1000) in their first semester at NSU.

ENVIRONMENTAL SCIENCE/STUDIES MAJOR REQUIREMENTS (58 or 59 Credits)

Core Courses (43 or 44 credits)		Credits
CHEM 1500	Introduction to Environmental Chemistry	3
ENVS 1100	Environmental Science I	3
ENVS 1200	Environmental Science II	3
ENVS 2100	Environmental Science Laboratory	3
ENVS 3000	Environmental Geology/Lab	4
ENVS 3100	Environmental Issues	3
ENVS 3170	Everglades Ecology and Conservation	3
ENVS 4300	Industrial Ecology	3
ENVS 4950	Internship in Environmental Science and Study	3
GEOG 2050	Survey of Geography	3
GEOG 2260	Geography of Natural Resources	3
GEOG 3010	Amazonian Cloud Forest Biogeography	3
OR		
ENVS 1500	Natural History of South Florida	4
LGST 3350	Environmental Law and Policy	3
PHIL 3360	Environmental Ethics	3

Major Electives (15 Credits)

Select 15 credits from the following courses.			Credits
BIOL 1100	Concepts and Connections in Biology		3
OR			
BIOL 1400	Introductory Cell Biology		3
BIOL 3200	General Ecology/Lab		4
BIOL 3400	Microbiology/Lab		4
CHEM 1300	General Chemistry I/Lab		4
OR			
CHEM 1300H	General Chemistry I/Lab Honors		4
CHEM 1310	General Chemistry II/Lab		4
OR			
CHEM 1310H	General Chemistry II/Lab Honors		4
CHEM 2400	Organic Chemistry I/Lab		4
OR			
CHEM 2400H	Organic Chemistry I/Lab		4
CHEM 3150	Environmental Chemistry		3
ENVS 2000	Biodiversity of Alaskan Ecosystems		3
ENVS 2001	Biodiversity of Alaskan Ecosystems Field Course		1
ENVS 3101	Introduction to Public Health		3
ENVS 4990	Independent Study in Environmental Science/Study		1–3
GEOG 2075	Geographical Information Systems		3
GEOG 3000	Geography of Ecotourism		3
MBIO 2410	Marine Biology and Lab		4
SOCL 3600	Environmental Sociology		3

This publication should not be viewed as a substitution for official program requirements and outcomes. A student is responsible for meeting the curriculum and program requirements in the *Undergraduate Student Catalog* that are in effect when the student enters the program.

Nova Southeastern University admits students of any race, color, sexual orientation, and national or ethnic origin. ■ Nova Southeastern University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate's, baccalaureate, master's, educational specialist, doctorate, and professional degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Nova Southeastern University. 07-053-16_58PGA

Admissions

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