

ENVIRONMENTAL
CHALLENGES

SUSTAINABLE
AGRICULTURE

WATER
RESOURCES

ECOTOXICOLOGY

APPLY TODAY!

Applying to NC Wesleyan is as easy as
1-2-3 and can be completed quickly!

1

APPLY online for FREE at
ncwu.edu/admissions

scan here



2

SUBMIT your high school transcript
(2.5 GPA or higher)

3

COMPLETE your FAFSA at studentaid.gov
(Student code is 002951)



ncwu.edu/environmental-science

For more information, contact:

Office of Admissions
252.985.5200
800.488.6292
admissions@ncwu.edu

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ENVIRONMENTAL SCIENCE

SHAPING A SUSTAINABLE FUTURE





DISCOVER OUR IMPACT & SOLVE ENVIRONMENTAL CHALLENGES



The Environmental Science program offers a strong foundation for achieving academic and career goals through a diverse curriculum that includes research experience. This program helps develop essential skills in writing, oral communication, and quantitative reasoning. With a focus on collaboration and innovative teaching methods, students will become independent and critical thinkers in environmental science.

Topics include environmental challenges (impacts of human activities on biodiversity, climate change, and ecosystems), **sustainable agriculture, water resources, and ecotoxicology.** Students will attend lectures, participate in class activities, read scientific articles, and be assessed through writing assignments, case studies, presentations, and exams. Additionally, you will engage in hands-on experiences such as group fieldwork and lab experiments, develop case studies on environmental issues, and apply current methodologies to analyze your own research.

CAREER AREAS

Wondering what you can do with a degree from NCWU's Environmental Science major?

- Conservation Scientist
- Wildlife Biology
- Public Education
- Water Resources
- Environmental Consultant

Careers such as laboratory technicians, industry scientists, outreach coordinators and research activists are also possible.

meet professor elias



PROGRAM OVERVIEW

Make a difference in today's environmental landscape with a Bachelor of Science in Environmental Science. This program covers living organisms and the systems that support life, featuring courses in cell biology, evolutionary biology, marine biology, and plant biology.



Scan to View Major Requirements
Minor in Environmental Science available.

HIGHLIGHTED COURSES

BIO 330 GLOBAL WATER ISSUES

This course explores global water issues, including quality, testing, and the history surrounding them. Students will gain hands-on experience by interacting with professionals, such as the NC Wildlife Resource Commission staff, and collecting samples to better understand water quality.

BIO 325 ENVIRONMENTAL SCIENCE LAB

This hands-on laboratory course teaches students how to sample the environment and conduct scientific research using field techniques to test soils, water, and contaminants. Students will complete semester-long experiments, ultimately producing data suitable for publication.



WES-PATHS PROGRAM

A key feature of a geoscience learning ecosystem (GLE) is community. The **Waterways for Environmental Science - Promoting Advancement and Training through Hands-on Supports (WES-PATHS)** program fosters this by connecting students with faculty, near-peer mentors, and the broader region, starting their senior year of high school and continuing into their first-year undergraduate experience.

ACTIVITIES INCLUDE:

- On-Campus Field Day
Collaborate with mentors on water issues and field sampling, while caregivers tour the campus
- First-Week Orientation
Explore water issues and take part in a service-learning program with a partner organization
- First-Year Mentoring
Participants have the opportunity to meet with near-peer mentors and faculty monthly

APPLIED LEARNING OPPORTUNITIES

Looking to take your Environmental Science major beyond the classroom? Consider engaging in applied learning opportunities!



NCWU SCIENCE CLUB

The Science Club encourages students to pursue careers in science-related fields and keeps the university and community informed on health-related issues, as well as participating in community service.



UNDERGRADUATE RESEARCH

The NCWU Office of Undergraduate Research promotes opportunities to engage in advanced inquiry through research, creative, and scholarly experiences.



FUTURE FARMERS OF AMERICA

NCWU's FFA program educates members on farming, agricultural techniques, and proper animal care, while fostering a supportive environment for success.



STUDY ABROAD

Recent Trips Have Included:

- Iceland
- Costa Rica



INTERNSHIPS/EXTERNSHIPS

Students Have Recently Worked With:

- Pfizer
- NC Wildlife Resources Commission
- Calvert County Health Department
- Cities of Wilson and Rocky Mount



Scan for More Information on the Environmental Science Program at NC Wesleyan University

