BACHELORS PROGRAM

Bachelor of Science in ENVIRONMENTAL SCIENCE

Act Now for A Better Tomorrow.

The Environmental Science program will provide the foundation to pursue academic and career goals through a diverse curriculum including research experience (that incorporates writing oral communication and quantitative reasoning skills). Through collaboration and innovative teaching pedagogy, students will become independent, critical thinkers in environmental science. Topics covered include biodiversity (the variety of living things in a natural area), water resources, and energy resources. You'll listen to lectures, do a lot of reading, and be tested on your knowledge through writing assignments and exams. You might also complete group projects, take field trips, and analyze data on a computer.

PERSONAL

Our faculty has real-world professional experience to ensure you are challenged and supported through mentoring and the connections we provide.

PRACTICAL

Develop lifelong skills through your educational opportunities that are broadly useful, fully transferable and applicable to any challenge or career.

PURPOSE-DRIVEN

Use your degree as a stepping stone to pursue accredited certifications offered by leading organizations or post-graduate study programs.

CAREER AREAS:

- Conservation Scientist
- Environmental Engineer
- Forestry
- Wildlife Biology
- Public Education

PAY TRENDS:

The average annual pay* for the Bachelor of Environmental Science jobs category was:

Nationwide	**$74,434**
North Carolina	**$56,287**

**ZipRecruiter 2023*

"NC Wesleyan gave me a strong love of learning and a well-rounded education, so I am confident in my ability to advance my career and pursue graduate degrees in the future."

Alyssa Brookhart, '22
BS in Biomedical Science
BS in Environmental Science

NORTH CAROLINA WESLEYAN UNIVERSITY

ncwu.edu

BS IN ENVIRONMENTAL SCIENCE CURRICULUM PLAN

Scan to View Major Requirements
Minor in Environmental Science available.

General Graduation Guidelines:

- Total of 120 semester hours, 33 of which must be numbered 300 or 400 (Other programs may require coursework beyond 120 semester hours)
- At least 9 semester hours of courses designated as writing intensive
- A declared major
- A cumulative GPA average of C (2.00) and at least a C average in the graduation major

LEARNING OUTCOMES:

- Introduction to some of the fundamental aspects of life and the major concepts of biology, including scientific method, ecology, cells and molecules, genetics, DNA, biotechnology and evolution
- Experience with a variety of basic biological phenomena such as hypothesis testing, data interpretation, ecology, diversity of life, genetics, biotechnology and evolution
- Introduction to both laboratory and field studies in biology
- Basics of cell biology including enzymes, membranes, signal transduction organelles, metabolism, the cell cycle, the cytoskeleton, cellular movement, DNA and gene expression
- Examine human activities that affect the dynamics of water, air, geology and the biosphere
- Hands on experience in sustainable agricultural practices that students will explore and implement in their own eco-vegetable garden
- Explore major threats to biodiversity and discuss approaches for overcoming these threats in ways that balance the needs of people and nature. Through readings, lectures, and active learning exercises, students will understand the major principles in conservation biology

ADMISSIONS CRITERIA:

Applying to NC Wesleyan is as easy as **1-2-3**. You will have direct contact with a personal admissions counselor who will assist you every step of the way.

- Apply online for FREE
- Submit your high school transcript (*2.5 GPA or higher)*
- Complete your FAFSA at ***fafsa.ed.gov*** *(School code is 002951)*

When we receive your application and transcript, we will provide you with an admissions decision and which scholarships you may be qualified to receive.

For more information on admission requirements, visit **ncwu.edu/admissions.*

APPLY TODAY!
*Scan the QR code to fill out your **FREE** application.*

REV 10-2023

For academic related questions about the program, contact:

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