BACHELOR'S PROGRAM

# Bachelor of Science in BIOLOGY

## Examine the World Around Us.

The Biology program provides the foundation to pursue academic and career goals through a diverse curriculum including research experience; an excitement for biology will be cultivated, promoting continued exploration, hands-on training using sampling and identification techniques in the lab and in the field. Students gain a comprehensive understanding of living things with the examination of plants, animals and microbes on a microscopic and macroscopic level.

### PERSONAL

Our faculty have 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 at leading organizations or post-graduate study programs.

### CAREER AREAS:

- Medical, Dentistry or Veterinary (with Graduate Training)
- Public Health
- Academic Research in University Settings
- Research & Product Development in Medical Supply & Pharmaceutical Industries

### PAY TRENDS:

The median annual wage* for the **Biology** field of degree is:

**Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook. Not entry level - varies based on location, education and experience. Recent graduates would need to earn experience and advance in career to earn a higher salary.*

**"Being able to speak with faculty members with an open-door policy helped me as a student. Wesleyan has shaped key characteristics in my life such as leadership and critical thinking."**

**Eboni Mayle, '22**
*BS in Biology, Minor in Chemistry*

NORTH CAROLINA WESLEYAN UNIVERSITY
ncwu.edu

# BS IN BIOLOGY

**Scan to View Major Requirements**
*Minor in Biology 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

## WHAT YOU WILL LEARN:

- Gather and analyze ecological data
- Perform experiments to discover how ideas discussed in class are derived from laboratory observations
- Gain skills in techniques used in the isolation, purification and identification of common organic solids and liquids. Mastery of skills in extraction, crystallization, distillation and chromatography will be achieved
- Problem-solve with approaches specific to biological science fields such as molecular evolution, microbiology, environmental science, ecology, genetics, etc
- Communicate about biology and its implications with different audiences (lay, peer, scientific) using different formats (video, webpage, case study, op ed, scientific posters, etc.)
- Design, conduct and analyze scientific studies or experiments
- Achieve competence in biological sciences by investigating phenomena from a variety of fields in the discipline such as genetics, cell biology, ecology, animal diversity, animal form, animal function, diversity of life

## 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 ***studentaid.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 08-2026

For more information, contact:

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800.488.6292
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