

Bachelor of Science in BIOMEDICAL SCIENCE

Concentrations in
Pre-Dental | Pre-Medical | Pre-Veterinary

Putting Health in Your Hands.

North Carolina Wesleyan University offers a variety of majors that prepare students for admission to professional programs such as medicine, osteopathic medicine, dentistry, physician assistant, physical therapy, veterinary medicine, occupational therapy, optometry, and podiatry. There is no specific major that is required for admission to any professional school in the health professions. All professional schools have specific courses that they require for admission, and a student may major in many different disciplines as long as they take the courses that are required for admission to the professional school in specific field of interest. Although many students choose to major in biology, biomedical science, chemistry, or exercise science, there are successful applicants to professional schools from all majors.



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:

- 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 average annual pay* for the Bachelor of Biomedical Science jobs category was:

Nationwide **\$73,503**

North Carolina **\$60,070**

*ZipRecruiter 2023



“ NC Wesleyan’s great teaching staff provided me the scientific knowledge that allowed me to be successful at the graduate level and one day treat patients. ”

Mitch Layton, '16
BS in Biomedical Science



ncwu.edu

BS IN BIOMEDICAL SCIENCE CURRICULUM PLAN*



Scan to View Major Requirements

Concentration required.

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
- Principles of inheritance
- Perform experiments to discover how theories discussed in lecture are derived from laboratory observations
- Introduction to the basic laboratory techniques used in organic chemistry

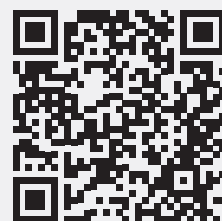
ADMISSIONS CRITERIA:

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.

**Additional coursework may be required for admission into a specific school's program and entry into professional school may require a specific number of hours in related volunteer work.*

For academic related questions about the program, contact:

John G. Temple, Ph.D.

Professor of Biology, Biomedical Sciences Program Coordinator

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