

Bachelor of Science in CHEMISTRY

Sparking Curiosity, Igniting Passion.

Chemistry has been called the central science because knowledge of chemistry and its tools is essential for effective operation in fields from biology to physics, medicine to materials science, nutrition to environmental management and many other areas. The most pressing global issues that we face today are in energy, food, water, health and environment and advances in chemistry will be required for triumph in each. North Carolina Wesleyan University intends to prepare its students to understand these issues from a chemical perspective and bring that perspective to bear on responsible solutions as professionals and informed debate as citizens.



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:

- Environmental Testing
- Laboratory Research
- Waste Analysis & Treatment
- Pharmaceuticals
- Forensics
- Public Health

PAY TRENDS:

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

Nationwide

\$46,369

North Carolina

\$39,895

*ZipRecruiter 2023



“ I am a Ph.D. candidate at NCSU, where I study organic chemistry. I would not be where I am today if I had not earned my degree at Wesleyan and made connections through the people I met. ”

Ivan Cockman, '19
BS in Chemistry, BS in Mathematics



ncwu.edu

BS IN CHEMISTRY CURRICULUM PLAN



Scan to View Major Requirements
Minor in Chemistry 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:

- Apply a breadth of knowledge from across the sub-disciplines of chemistry to clearly define and solve chemical problems
- Generate chemical hypotheses; design and execute experiments to test hypotheses; analyze and interpret data to draw meaningful conclusions from experimental results
- Effectively communicate chemical concepts and research results orally and in written form to either general or specialized audiences
- Conduct and present classroom and independent work responsibly and within the highest scientific standards of honesty, accuracy, and objectivity
- Navigate the chemical literature effectively to retrieve specific information and to inform broader research questions; critically assess the experimental design, results, and conclusions of articles published in the primary literature
- Conduct chemical experiments safely and in compliance with relevant chemical-hygiene regulations; recognize and minimize hazards in the chemistry laboratory

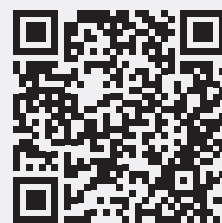
ADMISSIONS CRITERIA:

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.

For academic related questions about the program, contact:

Pamela Patterson, Ph.D.

Professor of Chemistry, Chemistry Program Coordinator

☎ 252.985.5161

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