Bachelor of Arts in
MATHEMATICS

Multiply Your Success.

The Mathematics Department of North Carolina Wesleyan University is committed to providing an excellent major for students whose career goals are immediate entry into the work-force, teaching mathematics in secondary schools or pursuit of a graduate degree in mathematics. The Department is professionally active and is committed to providing mathematics instruction in-service courses for students who major in disciplines other than mathematics. The Department is committed to high-quality instruction for all students in mathematics courses and it nurtures pleasant and constructive faculty-student interaction.

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:
- Education
- Actuarial Science
- Financial Services
- Biomathematics
- Cryptography
- Statistician

PAY TRENDS:
The average annual pay* for the Bachelor of Mathematics jobs category was:

Nationwide	**$57,651**
North Carolina	**$52,400**

*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

NORTH CAROLINA
WESLEYAN
UNIVERSITY

ncwu.edu

BA IN MATHEMATICS CURRICULUM PLAN

Scan to View Major Requirements

Minor in Mathematics 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:

- Knowledge of calculus of trigonometric and exponential functions, techniques and applications of integration, improper integrals, indeterminate forms, infinite series, conic sections, differential equations

- To express yourself mathematically and, in particular, to write mathematical proofs

- Study and review selected topics in various fields of mathematics. Students will be required to complete a research project consisting of both a written and oral component

- Learn how to design applications, use language syntax, declare variables and constants, create input/output operations, and initializing variables

- Create sequential structures, selection structures, repetition programming structures, and arithmetic operations
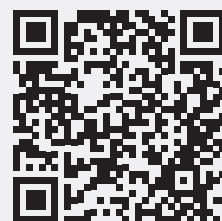
ADMISSIONS CRITERIA:

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:

Bill Yankosky, Ph.D.
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Director Taylor-Crocker Honors Program
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