

# 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 at leading organizations or post-graduate study programs.

### CAREER AREAS:

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



### PAY TRENDS:

The median annual wage\* for the **Mathematics** 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.



“ 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

## BA IN MATHEMATICS



### 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

## WHAT YOU WILL LEARN:

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

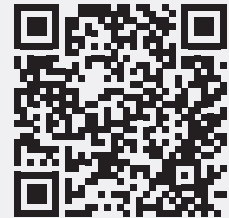
### ADMISSIONS CRITERIA:

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.*

For more information, contact:

Office of Admissions  
252.985.5200  
800.488.6292  
[admissions@ncwu.edu](mailto:admissions@ncwu.edu)

Bill Yankosky, Ph.D.  
Professor of Mathematics,  
Mathematics Program Coordinator  
Director Taylor-Crocker Honors Program  
[byankosky@ncwu.edu](mailto:byankosky@ncwu.edu)