# Bachelor of Science in
# COMPUTER INFORMATION SYSTEMS

Concentration in
**Web Development**

Minor Offered in
**Cybercrime**

## Code, Create, Innovate.

The Computer Information Systems curriculum emphasizes web design and development, programming, database, networking and security. Overall, with this degree, students using these skills are prepared for professional advancement in any of a wide variety of careers in information systems and/or graduate education. The rapidity of technological change is reflected in their course work, preparing students to expect and in fact meet the needs for lifelong learning. Courses in ethics, live projects serving local organizations and participation in student service organizations such as Rotaract encourage responsible participation in their communities following graduation.

### 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:

- Software Engineer
- Cybersecurity
- Database Administrator
- Systems Programmer/Analyst
- Information Technology Support Specialist

### PAY TRENDS:

The average annual pay* for the Bachelor of Computer Information Systems jobs category was:

| | |
|---|---|
| *Nationwide* | **$47,322** |
| *North Carolina* | **$37,589** |

*ZipRecruiter 2023*

> **I am an instructor at Nash Community College and use the knowledge from my degree everyday to teach concepts that I love to other students in hopes to help them find careers they love.**

**Jarrett Hedgepeth, '11**
*BS in Computer Information Systems*

**NORTH CAROLINA WESLEYAN UNIVERSITY**

**ncwu.edu**

# BS IN COMPUTER INFORMATION SYSTEMS CURRICULUM PLAN

**Scan to View Major Requirements**

*Minor in Computer Information Systems 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:

- Development of critical writing used in business, science, technology and government
- Introduction to the architecture and function of core hardware components of computers and digital devices
- Basic structures of computer program
- Learn how to design applications, use language syntax, declare variables and constants, create input/output operations, and initializing variables

- Introduction to the installation, configuration and maintenance of computer operating systems and application software
- Comprehension of the principles and concepts involved in the management of organizational information system resources, including information systems design, planning, execution, evaluation and the strategic impact of information systems. The course also addresses a variety of project management issues
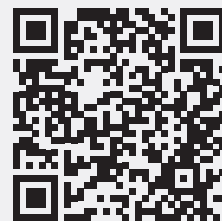
## ADMISSIONS CRITERIA:

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.*

**Security+ CERTIFIED**

**CompTIA A+ CERTIFIED**

NC Wesleyan's Bachelors in Computer Information Systems (CIS) qualifies students for the **CompTIA A+** and **CompTIA Security+** certifications.\*\*

*\*\*Students must take CIS 310, 210, and 305*

For academic related questions about the program, contact:

**Jackie L. Lewis, Ph.D.**
Associate Professor of Computer Information Systems
📞 252.985.5170
*jllewis@ncwu.edu*

**NORTH CAROLINA WESLEYAN UNIVERSITY**