



**BELK COLLEGE
OF BUSINESS**
NIBLOCK STUDENT CENTER

QUEEN CITY CAREER GUIDE

MANAGEMENT INFORMATION SYSTEMS

WHAT IS MANAGEMENT INFORMATION SYSTEMS?

USING TECHNOLOGY, DATA, AND INFORMATION SYSTEMS TO SOLVE BUSINESS PROBLEMS AND IMPROVE ORGANIZATIONAL PERFORMANCE.

MIS professionals bridge the gap between business and technology by translating business needs into technology solutions. Nearly every organization relies on information systems, creating opportunities across healthcare, finance, manufacturing, consulting, government, retail, and technology. MIS professionals help organizations make better decisions, improve efficiency, and create competitive advantages through technology. Successful MIS professionals work closely with business leaders, software developers, analysts, and end users.

MIS INDUSTRIES

DATA ANALYTICS & BUSINESS INTELLIGENCE. Collect, analyze, and visualize data to identify trends, improve decision-making, and support business strategy using analytics, dashboards, and predictive models.

SYSTEMS DEVELOPMENT & TECHNOLOGY. Design, implement, and maintain business applications, databases, websites, cloud systems, and enterprise technology solutions.

CYBERSECURITY & RISK MANAGEMENT. Protect organizational data and technology by managing security risks, preventing cyber threats, ensuring regulatory compliance, and supporting disaster recovery.

IT OPERATIONS & SUPPORT. Manage business technology infrastructure, networks, hardware, software, and cloud services while supporting employees and improving organizational productivity.

PREPARING FOR YOUR CAREER...

AS CITED BY TOP AREA RECRUITERS, YOU WILL NEED:

- Technical proficiency in business information systems and applications
- Analytical, problem-solving, and critical thinking skills
- Excel, SQL, data analytics, or programming experience
- Strong written, verbal, and interpersonal communication
- Adaptability and a commitment to continuous learning
- The ability to work effectively in fast-paced, team-oriented environments

HOW TO GET HIRED

Earn an industry-recognized certification to help demonstrate technical skills before graduation.
Examples:

- CompTIA A+
- CompTIA Security+
- AWS Cloud Practitioner
- Microsoft Power BI
- Google Data Analytics
- Tableau Desktop Specialist

You might enjoy MIS if you're computer savvy; you're a problem-solver by nature; you're always thinking of better ways to do things; you're the resident expert for anything technical; you enjoy web design and computer software; you're very organized

MIS vs. COMPUTER SCIENCE?

MIS PROFESSIONALS BRIDGE BUSINESS AND TECHNOLOGY BY USING SYSTEMS, DATA, AND TECHNOLOGY SOLUTIONS TO IMPROVE ORGANIZATIONAL PERFORMANCE. COMPUTER SCIENCE PROFESSIONALS FOCUS MORE ON THE DEVELOPMENT OF COMPUTING TECHNOLOGIES, INCLUDING SOFTWARE ENGINEERING, ALGORITHMS, AND SYSTEM DESIGN.

RIGHT NOW IN MIS

AI, CYBERSECURITY, CLOUD COMPUTING, AND DATA ANALYTICS ARE TRANSFORMING BUSINESS OPERATIONS. MIS PROFESSIONALS WHO CAN CONNECT TECHNOLOGY SOLUTIONS WITH BUSINESS STRATEGY ARE INCREASINGLY VALUABLE ACROSS INDUSTRIES.

**QUICK FACTS
FOR COMPUTER & INFORMATION
SYSTEM MANAGERS:
FIELD GROWTH:
+17% NATIONALLY
BRIGHT OUTLOOK IN NORTH CAROLINA**

**NC SALARY RANGE: \$91,000- \$212,000
MEDIAN NATIONAL INCOME: \$171,200
THIS DATA REFLECTS ALL WORKERS AND LONG-TERM
EARNING POTENTIAL.**

**MIS GRADUATES OFTEN BEGIN IN ROLES SUCH AS
SYSTEMS ANALYST, BUSINESS ANALYST, DATABASE
ANALYST, OR IT SPECIALIST BEFORE ADVANCING INTO
INFORMATION SYSTEMS MANAGEMENT.**

SOURCE: ONETONLINE.ORG, BLS.GOV, OCCUPATIONAL OUTLOOK HANDBOOK

UNC CHARLOTTE GRADS



56% of Charlotte MIS Alumni 1-5 years out work in their field of study and a total of 74.12% work in a field related to their business degree, highlighting the broad skills of this major. Graduates have an average salary of \$73,500.

*Lightcast Data, 2021-2026



**GET INVOLVED!
STUDENT ORGANIZATIONS &
PROFESSIONAL
ORGANIZATIONS**

STUDENT ORGANIZATIONS

ASSOCIATION FOR INFORMATION SYSTEMS

BETA ALPHA PSI (MIS MAJORS WITH A 3.0 GPA OR HIGHER)

PROFESSIONAL ORGANIZATIONS

ASSOCIATION OF INFORMATION TECHNOLOGY PROFESSIONALS

CHARLOTTE INFORMATION TECHNOLOGY QUALITY ASSURANCE ASSOCIATION

DATA MANAGEMENT INTERNATIONAL

DIGITAL ANALYTICS ASSOCIATION

INFORMATION SYSTEMS SECURITY ASSOCIATION

IEEE COMPUTER SOCIETY

WHO HIRES UNC CHARLOTTE MIS MAJORS?



Internships make candidates more competitive in the job market, and many employers hire entry level positions from their internship programs. More information can be found at belkcollege.charlotte.edu/internships

SAMPLE JOB TITLES IN THIS FIELD

SYSTEMS ANALYST • DATABASE ADMINISTRATOR • SYSTEMS ARCHITECT
BUSINESS ANALYST • CYBERSECURITY ANALYST • WEB DEVELOPER
IT CONSULTANT • PROJECT MANAGER • IT MANAGER
ANALYTICS CONSULTANT • BUSINESS INTELLIGENCE ANALYST
CUSTOMER ANALYTICS MANAGER



For more information, visit:
Niblock Student Center, Belk College of Business, Friday 305,
belkcollege.charlotte.edu
Career Center, Atkins 150, career.charlotte.edu

