INFORMATION TECHNOLOGY
A JOINT PROGRAM BETWEEN DEPARTMENT OF COMPUTER SCIENCE & CONGDON SCHOOL OF SUPPLY CHAIN, BUSINESS ANALYTICS, AND INFORMATION SYSTEMS

STRONG FACULTY
Faculty are highly qualified and committed to student success. They bring a breadth of knowledge to the classroom.

WHAT IS IT?
IT focuses on the implementation, operation, maintenance, and protection of applications, data, and information technology infrastructure.

We prepare students to manage software and the infrastructure to support that software.

CURRICULUM
The program follows the guidelines of the Association for Computing Machinery.

STUDENT OPPORTUNITIES
Students have the opportunity to work with faculty, and apply their skills through internships.

EMPLOYMENT OPPORTUNITIES
Recent employers include:
- nCino, Wilmington, NC
- Live Oak Bank, Wilmington, NC
- PPD, Wilmington, NC
- Engineering Software Solutions, Wilmington, NC
- Credit Suisse, Morrisville, NC
- Fidelity, Raleigh, NC
- CSX Transportation, Jacksonville, FL
- Infosys, Plant, TX

The program develops students’ skills in the critical and practical understanding of information technology and prepares them for information technology-related work and/or further study at the graduate level. The curriculum provides a foundation for information technology professionals to gain a perspective of the rapidly expanding and evolving science of technology and how it can be managed and leveraged to support business activities.
INFORMATION TECHNOLOGY

CORE & REQUIRED COURSES

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<th>Course #</th>
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<tr>
<td>CIT 110</td>
<td>Fluency in Information Technology</td>
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<td>CIT 204</td>
<td>Digital Media</td>
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<td>CIT 213</td>
<td>Introduction to Databases</td>
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<td>CIT 225</td>
<td>Linux Administration</td>
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<td>CIT 410</td>
<td>Web Application Development</td>
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<td>CIT 425</td>
<td>Human-Computer Interfaces</td>
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<td>CSC 131</td>
<td>Introduction to Computer Science</td>
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<td>CSC 133</td>
<td>Discrete Mathematical Structures</td>
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<td>CSC 385</td>
<td>Professional/Ethical Issues in Computing</td>
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<td>MIS 310</td>
<td>Web Page Development</td>
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<td>MIS 315</td>
<td>Management of Database Systems</td>
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<td>MIS 316</td>
<td>Business Application Development</td>
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<td>MIS 320</td>
<td>Network Fundamentals</td>
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<td>MIS 324</td>
<td>Information Security Management</td>
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<td>Information Systems Analysis</td>
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<td>MIS 480</td>
<td>IT Resource Planning and Management</td>
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<td>STT 215</td>
<td>Introduction to Statistics</td>
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What Can You Do With a Degree In IT?

- Network Administrator
- System Administrator
- Database Administration
- Information Security Analyst
- Data Center Manager
- Health Information Technologist
- IT Account Manager
- IT Analyst
- IT Program Auditor

CONCENTRATIONS (12 HOURS)

Business Applications Development
BAD is the process of creating computer programs to perform the different tasks that a business requires. Applications help businesses interact with customers, automate processes, and increase efficiency. Graduates of the BAD concentration know how to perform the key steps of the app building process.

Business Data Management
BDM is the practice of collecting, keeping, and using business data securely, efficiently, and cost-effectively. Graduates of the BDM concentration know how to create, access, and update data across a diverse data tier; store data in the cloud and on premises; provide high availability and disaster recovery; utilize data in various apps and systems; ensure data privacy.

Computer Science
The computer science concentration provides students with a more in-depth understanding of computer programming and allows students to take higher level courses in database management, client and server-side web programming, and mobile app development.

Cybersecurity
Students completing the cybersecurity concentration will graduate with essential skills needed as part of the Center of Academic Excellence in Cyber Defense Education (CAE-CD) designated by the NSA and the DHS and will have the skills necessary for thinking critically about cybersecurity issues.

General IT Practitioner
A general technologist has the option to select courses and IT areas of interest. They can use those skills to determine how best to improve a specific industry and how to incorporate new technology and solve problems.

For more information about this degree, career options, and the program, go to uncw.edu/bsit

Questions? Contact the Coordinator of the program at ITCoordinator@uncw.edu

UNC Wilmington is committed to and will provide equal educational and employment opportunity. Questions regarding program access may be directed to the Compliance Officer, UNCW Chancellor’s Office, 910.962.3000, Fax 910.962.3483. UNCW does not discriminate on the basis of sex. Questions regarding UNCW’s Title IX compliance should be directed to TitleIX@uncw.edu.