B. S. Information Technology (IT)
College: Arts & Sciences
College: Cameron School of Business

Course requirements for all UNCW degrees include: (1) University Studies, (2) specific major requirements, and (3) sufficient elective hours for a combined total of a minimum of 124 hours.

MAJOR REQUIREMENTS – CIT (Minimum 64 hours)
The IT major is an interdisciplinary major shared by two departments: the Department of Computer Science in CAS and the Information Systems Operations Management Department in CSB. Admission to CSB is not required in the IT major.

Core Courses: (30 hours)

- CIT 110 Fluency in Information Technology (3)
- CIT 204 Digital Media (3) Prerequisite: CIT 110 CSC 105, or CSC 112, or permission of instructor
- CIT 225 Platform Technologies (3) Prerequisite: CSC 121 or 131
- MIS 310 Web Page Development (3) Prerequisite: CIT 110 or MIS 213
- MIS 324 Information Security Management (3) Prerequisite: CIT 110 or MIS 213 and CIT 225 with a C- or better
- MIS 352 Network System Administration (3) Prerequisite: CIT 225 or MIS 320 with a C- or better
- CIT 410 Web Application Development (3) Prerequisite: MIS 213
- MIS 411 Information Systems Analysis (3) Prerequisite: CIT 213 with a grade of C- or better or Pre/Coreq MIS 315 (Meets Applied Learning Requirement)
- CIT 425 Human-Computer Interfaces (3) Prerequisite: MIS 310
- MIS 480 IT Resource Planning and Management (3) Prerequisite: MIS 411 with a grade of C- or better

Required Courses: (25 hours)

- CIT 213 Introduction to Databases: Techniques and Technologies (3) Prerequisite: CIT 110
- MIS 320 Network Fundamentals (3) Prerequisite: CIT 110 or MIS 213 with a grade of C- or better
- CSC 344 Computer Networks (3) Prerequisite: CSC 231 with a grade of C or better and CSC 242
- +CSC 131 Introduction to Computer Science (4) Prerequisite: MAT 111 or 115
- CSC 385 Professional and Ethical Issues in Computer Science (3) Prerequisites: ENG 101 or equivalent and junior/senior standing in CSC or CIT (Meets Oral Communication Requirement)
- +MAT 151 Basic Calculus with Applications I (3) Prerequisite: MAT 111 or 115 or equivalent preparation in Algebra.
- MIS 315 Management of Database Systems (3) Prerequisite: MIS 213 or CIT 213
- MIS 316 Business Application Development (3) Prerequisite: MIS 216 or CSC 112 or CSC 131 or another programming language course approved by department chair
- +STT 215 Introduction to Statistics (3) Prerequisite: MAT 105 or satisfactory performance on math test
- +BAN 280 Statistical Analysis for Business and Economics (3) Prerequisite: MAT 111

Electives: (9 hours)

- Choose 9 hours from CIT or CSC, or MIS at the 300-level or higher with the exception of MIS 323

A minimum GPA of “C” (2.00) is required in all major courses. No grade below “C-” will be accepted towards graduation in a core or required course.

*These courses require a lab
+May also be used to satisfy University Studies Foundations & Approaches and Perspectives requirements
A few MIS courses were formerly CIT courses.