B. S. Information Technology (IT)
College of Arts & Sciences & 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 120 hours.

MAJOR REQUIREMENTS – CIT (Minimum 67 hours)

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 CSC 131 or MIS 213
- MIS 324 Information Security Management (3) Prereq: 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 310
- MIS 411 Information Systems Analysis (3) Prereq: CIT 213 with a grade C- or better or Pre/Coreq MIS 315 (Meets Applied Learning Requirement)
- CIT 425 Human-Computer Interfaces (3) Prerequisite: MIS 310
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- 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
  or  CSC 344 Computer Networks (3) Prerequisite: CSC 231 with a grade of C or better and CSC 242
- +CSC 313 Introduction to Computer Science (4) Prerequisite: MAT 111 or 115
- +CSC 385 Professional and Ethical Issues in Computer Science (3) Prerequisite: 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; 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
  or  +BAN 280 Statistical Analysis for Business and Economics (3) Prerequisite: MAT 111

Concentration Courses: (12 hours) Must Choose One
Students who wish to complete two concentrations may simultaneously apply up to 3 credit hours of course work towards both concentrations if the course is approved in both concentrations.

a. Business Applications Development
- 1MIS 419 Information Technology Project Management (3) Prerequisite: MIS 213 and admission to CSB
  **Choose 3 courses from the following list: CSC 315, 331, MIS 328, 331, 364, 1413, 1491, 1495, 1498 (with a Business Application Development Focus)

b. Business Data Management
- MIS 327 Data Center Management (3) Prerequisite: MIS 213
  **Choose 3 courses from the following list, with at least 1 MIS : BAN 300, 301, 302, 303, 400, 
  MIS 322, 329, 330, 1491. 1495, 1498 with a Business Data Management focus.

C. Computer Science
- +CSC 131 Introduction to Computer Science (4) Prereq: MAT 111, 115, or equivalent, or sufficient math placement
- CSC 231 Introduction to Data Structures (4) Prereq: CSC 131 grade of “C” or better; Coreq CSC 133
  **Choose 2 courses from the following CSC 315, 365, 385, 455, 465

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d. Cybersecurity
   ____MIS 322   Information Assurance and Security (3) Prerequisite: MIS 213 or CIT 110
   ____MIS 365   Ethical Hacking (3) Prerequisite: MIS 324 or MIS 352
   ____MIS ____  **Select 6 hours from the following list of courses: MIS 362, 363, 364, 367, 1491, 1495, 1498
   ____MIS ____

e. General Information Technology (12 hours)
Students who are unable to satisfy one of the concentrations may, with prior approval of the Dean, select four three-credit hour MIS, CIT, or CSC courses at 300-400 level with a grade or C- or better. Students who pursue this concentration may not complete a second concentration.

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
1These courses require admission to the Cameron School of Business prior to enrollment
+May also be used to satisfy University Studies Foundations & Approaches and Perspectives requirements

Requirements to declare CIT: Completion of 24 UNCW hours. For further information, see the CIT web site: https://uncw.edu/bsit/future.html

This document is considered an unofficial guide. Please refer to your degree audit for the latest updates.