## B. S. Information Technology (IT)

**College: 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) 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 310
- **MIS 411** Information Systems Analysis (3) Prerequisite: 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
- **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 385** Professional and Ethical Issues in Computer Science (4) Prerequisite: MAT 111 or 115
- **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**

- **MIS 419** Information Technology Project Management (3) Prerequisite: MIS 213 and admission to CSB
  - **Choose three 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 three courses from the following list:** BAN 300, 301, 302, 1303, 400, MIS 322, 329, 330, 1491
  - **1495, 1498 with a Business Data Management focus. With at least 3 hours from course with MIS prefix**

**c. Cyber Security**

- **MIS 322** Information Assurance and Security (3) Prerequisite: MIS 213 or CIT 110
- **MIS 365** Ethical Hacking (3) Prerequisite: MIS 324 or MIKS 352
  - **Choose three courses from the following list:** MIS 362, 363, 364, 367, 1491, 1495, 1498 with a Cyber Security focus

**d. General Information Technology**

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 of 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

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

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

10/7/2019