



Program of Study

Degree Requirements (120 hours)

1. **Carolina Core (31-43 hours)**

- a. **CMW** (6 hours)
 - i. ENGL 101 - Critical Reading and Composition *—must be passed with a grade of C or higher*
 - ii. ENGL 102 - Rhetoric and Composition
- b. **ARP** (6 hours)
 - i. MATH 174 - Discrete Mathematics for Computer Science *—must be passed with a grade of C or higher*
 - ii. STAT 201 - Elementary Statistics *or* STAT 205 - Elementary Statistics for the Biological and Life Sciences
- c. **SCI** (7 hours): Two approved Carolina Core courses from the natural sciences including one laboratory selected from Astronomy, Biology, Chemistry, Environmental Science, Geology, Marine Science or Physics
- d. **GFL** (0-6 hours): Students in the College of Engineering and Computing are required to demonstrate proficiency in one foreign language equivalent to the 121 course by either 1) scoring two or better on the foreign language placement test; or 2) completion of the 109 and 110 courses in one foreign language or completion of the 121 course in another foreign language.
- e. **GHS** (3 hours): any approved CC-GHS course
- f. **GSS** (3 hours): any approved CC-GSS course
- g. **AIU** (3 hours): any approved CC-AIU course

Carolina Core Stand Alone or Overlay Eligible Requirements:

Up to two of these requirements may be met in overlay courses. At least one of these requirements must be satisfied by a course not applied elsewhere in general education. (3-9 Hours)

- h. **CMS** (3 hours)
 - i. SPCH 140 - Public Communication *or* SPCH 230 - Business and Professional Speaking
- i. **INF** (0-3 hours): ENGL 102 *or* any approved overlay or stand-alone CC-INF course
- j. **VSR** (0-3 hour): any approved CC-VSR course

2. **College Requirements:** No college-required courses for this program.

3. **Program Requirements (41-53 hours)**

- a. **Supporting Courses** (39-41 hours)
 - i. ECON 224 - Introduction to Economics
 - ii. SPTE 240 - Business Law
 - iii. ITEC 242 - Business Communications *or* ENGL 462 - Technical Writing *or* ENGL 463 - Business Writing
 - iv. RETL 261 - Principles of Accounting I
 - v. RETL 262 - Principles of Accounting II
 - vi. HRTM 344 - Personnel Organization and Supervision *or* MGMT 371 - Principles of Management
 - vii. **Lower Division Integrated Information Technology** (21-23 hours) *—must be passed with a grade of C or higher*
 1. ITEC 101 - Thriving in the Tech Age
 2. ITEC 233 - Introduction to Computer Hardware and Software Support
 3. ITEC 245 - Introduction to Networking
 4. ITEC 264 - Computer Applications in Business I
 5. ITEC 265 - Computer Applications in Business II
 6. **Software Programming Language** (6-8 hours) Choose 1:
 - a. CSCE 204 - Program Design and Development *and* ITEC 352 - Software Design

b. CSCE 145 - Algorithmic Design I *and* CSCE 146 - Algorithmic Design II

b. **Free Electives** (0-14 hours)

The IIT curriculum includes 0-14 hours of electives depending on how students fulfill the Carolina Core requirements. Any course in the university can be used to satisfy the elective requirement (including additional electives in the major).

4. **Major Requirements (36 hours)** –*must be passed with a grade of C or higher*

a. **Major Courses** (33 hours)

- i. ITEC 301 - Professional Internship Seminar
- ii. ITEC 362 - Web-Based Support Systems
- iii. ITEC 370 - Database Systems in Information Technology
- iv. ITEC 444 - Introduction to Human Computer Interaction
- v. ITEC 445 - Advanced Networking
- vi. ITEC 447 - Management of Information Technology
- vii. ITEC 493 - Information Technology Security for Managers
- viii. ITEC 495 - Professional Internship
- ix. ITEC 560 - Analysis and Applications of Project Management Software
- x. ITEC 564 - Project Management for Information Systems

b. **Major Elective** (3 hours) Choose one:

- i. ITEC 475 - Mainframe Systems
- ii. ITEC 476 - Job Control Language
- iii. ITEC 544 - Training Systems
- iv. ITEC 545 - Telecommunications
- v. ITEC 562 - Advanced Web Support Systems
- vi. ITEC 570 - Database Management and Administration
- vii. ITEC 586 - eCommerce Technology in Hospitality
- viii. ITEC 590 - Special Topics in Integrated Information Technology

Program GPA

Program GPA requirement policies are described in the College of Engineering and Computing section of this bulletin. For the purpose of these policies, the following courses are used to determine the Program GPA for the Integrated Information Technology B.S. program: all Lower Division Integrated Information Technology courses and all Integrated Information Technology Major courses.