**Web Development Concentration 2017 - 2018**

**ITEC 110 Principles of Information Technology**

**ITEC 220 Principles Of CS II**

**ITEC 315 GUI Design and Implementation**

**ITEC 252 Web Programming I**

**ITEC 369 Systems Analysis & Design**

**ITEC 370 Software Engineering I**

**ITEC 466 Info. Assurance Mgmt**

**ITEC 495 Info Systems Capstone**

**ITEC 375 Data Science**

**ITEC 395 I.T. Project Management**

**ITEC 281 Data Analysis and Mgmt with Spreadsheets**

Math: See Catalog

**ITEC 109 >= C, Math SAT >= 550, Or pass dept. test**

+ **ITEC 120 Principles of Computer Science I**

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th><strong>ITEC 205 Data Communications and Networks</strong></th>
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<tr>
<td>Offered only in Spring</td>
<td><strong>ITEC 304 DB from Manager’s Perspective</strong></td>
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<tr>
<td>Offered only in Fall</td>
<td><strong>ITEC 305 Intro. To Computer Networking</strong></td>
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**ITEC 325 Web Programming II**

**ITEC 340 Database I**

**ITEC 425 Advanced Web Development**

**ITEC 490 Senior Seminar / IT Professionalism**

**ITEC 495 Info Systems Capstone**

**ITEC 375 Data Science**

Prerequisite: must have >= “C” to advance

**ITEC 281 Data Analysis and Mgmt with Spreadsheets**

Fall and/or Spring offerings expected but not guaranteed

**Additional Business Requirements:**
ECON 205 Principles of Economics
** MGNT 322 Organizational Behavior
** MKTG 340 Essentials of Marketing

** Upper division Business courses (ie all MGNT, MKGT courses) have the following prerequisites: Junior standing, ENGL 102, and all lower division business (ie all ACTG, and ECON) courses.

**B.S. Requirements: (6-7 credits):**
ITEC 350. Remaining credits chosen from any ITEC 300 or 400-level or above ITEC course (except ITEC 301, ITEC 304, ITEC 307, ITEC 381, ITEC 398, and ITEC 498) or any 500 or 600-level courses approved by the Department Chair; MATH 152, or any 200-level or above Math course; ASTR 111, 112; any Biology (except BIOL 301, 302); any Chemistry; any Geology; GEOS/ITEC 250; any Physics; PHSC 301.

Within a single concentration, courses used to meet the B.S. Requirements cannot be used to meet any other requirement of that concentration.

**Courses in bold boxes must be passed with a grade of “C” or better**

Major GPA Requirement: 2.0 in all ITEC, MATH, STAT, FINC, MKTG, MGNT, ACTG, ECON courses applied to the major, excluding courses used to meet the B.S. Requirement.

Students with more than one concentration and/or major should evaluate each independently.

**Core Curriculum:**
The following courses are approved for Core Curriculum credit in the indicated areas:
MATH 126 or 151: Mathematical Sciences
ECON 205: Social and Behavioral Sciences or U.S. Perspectives

Students in the IT Department are required to take a Natural Science course to fulfill the College Core B Mathematical or Natural Sciences Requirement.

See 2017 - 2018 Catalog for additional requirements and prerequisites.