Software Engineering Concentration 2017 - 2018

**ITEC 110 Principles of Information Technology**
ITEC 109 >= C, Math SAT >= 550, Or pass dept. test

**ITEC 120 Principles of Computer Science I**

**ITEC 220 Principles of Computer Science II**

**ITEC 225 Web Programming I**

**ITEC 345 Intro. to Info. Security**

ITEC 122 Discrete Mathematics

**ITEC 324 Principles of Computer Science III**

ITEC 370 Software Engineering I

ITEC 471 Software Engineering II

ITEC 472 Software Engineering III

ITEC 370 Software Engineering I

ITEC 380 Org. of Programming Langs

ITEC 490 Senior Seminar / IT Professionalism

ITEC 472 Software Engineering III

ITEC 3/4XX CSSE Technical Elec.

ITEC 3/4XX CSSE Technical Elec.

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ITEC 335 Software Testing

Prerequisite: must have >= "C" to advance

Offered Only in Fall

Offered only in Spring

Fall and/or Spring offerings are expected, but not guaranteed

** ITEC 120 can only be attempted twice, including Withdrawals**

** ITEC 335 switches from Spring Only to Fall Only beginning in the Fall of 2018**

*** ITEC 380 will be offered both semesters beginning with the 2018-2019 academic year.

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**CSSE Technical Electives**: Plus 9 additional credit hours chosen from any 300 or 400-level ITEC courses (except ITEC 301, ITEC 304, ITEC 307, ITEC 381, ITEC 398, ITEC 493, or ITEC 498) or any 500 or 600-level courses approved by the Department Chair.

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**B.S. Requirements (6-8 credits)**:
Two courses from the following list: Any 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, any 200-level or above Math course; ASTR 111, ASTR 112; any Biology (except BIOL 301 and BIOL 302); any Chemistry; any Geology; GEOS/ITEC 250; any Physics; or 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.

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

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See 2017 - 2018 Catalog for additional requirements and prerequisites.

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

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Core Curriculum:
MATH 151 is approved for Core Curriculum credit in the Mathematical Sciences.

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