Software Engineering Concentration 2015 - 2016

ITEC 110 Principles of Information Technology

ITEC 120 Principles of Computer Science I

ITEC 122 Discrete Mathematics

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 324 Principles of Computer Science III

ITEC 370 Software Eng. I

ITEC 335 Software Testing

ITEC 320 Procedural Analysis and Design

ITEC 370 Software Eng. I

ITEC 471 Software Eng. II

ITEC 472 Software Eng. III

ITEC 380 Org. of Programming Langs

ITEC 490 Senior Seminar / IT Professionalism

ITEC 335 Software Testing

ITEC 335 is planned to be a prerequisite for ITEC 471 starting in Fall 2017

ITEC 3/4XX CSSE Technical Elec.

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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.

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 (except GEOL 110 and 205), 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.

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

ITEC 225 Web Programming I

ITEC 109 (> = C) or ITEC 120 (>= C). CSAT and ISAS majors should take 120 prior to 225.

ITEC 335 is planned to be a prerequisite for ITEC 471 starting in Fall 2017

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

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

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.

See 2015 - 2016 Catalog for additional requirements and prerequisites.