Software Engineering Concentration 2019 - 2020

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 335 Software Testing
ITEC 122 Discrete Mathematics
ITEC 324 Principles of Computer Science III
ITEC 370 Software Engineering I
ITEC 335 Software Testing
ITEC 320 Procedural Analysis and Design
ITEC 324 Principles of Computer Science III
ITEC 472 Software Engineering III
ITEC 380 Org. of Programming Langs
ITEC 471 Software Engineering II
ITEC 490 Senior Seminar / IT Professionalism
ITEC 472 Software Engineering III
ITEC 125, 126, 138, 140, 151, 169, or 171
Math: See Catalog

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 335 Software Testing
ITEC 122 Discrete Mathematics
ITEC 324 Principles of Computer Science III
ITEC 370 Software Engineering I
ITEC 335 Software Testing
ITEC 320 Procedural Analysis and Design
ITEC 324 Principles of Computer Science III
ITEC 472 Software Engineering III
ITEC 380 Org. of Programming Langs
ITEC 471 Software Engineering II
ITEC 490 Senior Seminar / IT Professionalism
ITEC 472 Software Engineering III
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 369, ITEC 381, ITEC
395, ITEC 398, ITEC 466, ITEC 493, ITEC 495, ITEC 496,
ITEC 497, or ITEC 498) or any 500 or 600-level ITEC course
approved by the Department Chair.

B.S. Requirements (6-8 credits): Any 200-level, 300-level, or 400-level ITEC course (except
ITEC 281, ITEC 301, ITEC 304, ITEC 307, ITEC 369, ITEC
381, ITEC 398, ITEC 495, ITEC 496, ITEC 497, and ITEC
498) or any 500 or 600-level ITEC course approved by the
Department Chair; MATH 172; any 200-level or above Math
course; ASTR 111, ASTR 112, any Biology (except BIOL
301 and BIOL 302); any Chemistry; any Geology, GEOS 250
or ITEC 250, any Physics, or PHSC 301.

Courses used to meet the B.S. Requirements for a degree cannot
be used to meet any other requirements for that degree.

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

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 171 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 2019 - 2020 Catalog for additional requirements and prerequisites.