**Computer Science Concentration 2019 - 2020**

**ITEC 110 Principles of Information Technology**

ITEC 220 Principles of Computer Science II

ITEC 225 Web Programming I

ITEC 345 Intro. to Info. Security

ITEC 122 Discrete Mathematics

ITEC 122 Discrete Mathematics

ITEC 120 Principles of Computer Science I

ITEC 352 Computer Organization

ITEC 371 Operating Systems

ITEC 370 Software Engineering I

ITEC 320 Procedural Analysis and Design

ITEC 324 Principles of Computer Science III

ITEC 380 Org. of Programming Langs

ITEC 3/4XX CICS Technical Elec.

ITEC 360 Data Structs & Analysis of Algs

ITEC 345 Intro. to Info. Security

ITEC 490 Senior Seminar / IT Professionalism

ITEC 420 Computability Theory & Formal Langs.

CSCS Technical Elective: 3 credits selected from ITEC 335, 340, 350, 410, 430, 460, 480.

Additional Required Science Courses:

PHYS 221:222 Physics I (Prereq.: MATH 171) and Physics II

B.S. Requirements (7-8 credits):

Two courses (7-8 credits) chosen from: ASTR 111:ASTR 112; any Biology (except BIOL 301:BIOL 302); any Chemistry; any Geology; any Physics (except PHYS 111:PHYS 112 and PHYS 221:PHYS 222 and PHYS 231); 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.

Major Field Test (MFT): to be taken during the student’s final semester.

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:

The following courses are approved for Core Curriculum credit in the indicated areas:

PHYS 221: Natural Sciences

MATH 171: Mathematical Sciences

See 2019 - 2020 Catalog for other requirements and prerequisites.