Networks Concentration 2014 - 2015

**ITEC 110 Principles of Information Technology**

**ITEC 220 Principles of Computer Science II**

**ITEC 120 Principles of Computer Science I**

*ITEC 225 Web Programming I*

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

**ITEC 122 Discrete Mathematics**

ITEC 324 Principles of Computer Science III

ITEC 340 Database I

ITEC 490 Senior Seminar / IT Professionalism

ITEC 310 Programming in C and Unix

ITEC 540 Intro to Computer Networking

ITEC 452 Distributed Computing

ITEC 451 Network Design and Analysis

ITEC 3/4XX CSNW Technical Elec.

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

**Offered Only in Fall**

**Offered only in Spring**

**CSNW Technical Electives:** Plus 6 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.

See 2014 - 2015 Catalog for additional requirements and prerequisites.

**Prerequisite:** must have >= "C" to advance

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

**MATH 152 required for STAT 301 but not STAT 200.

**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.