**Information Systems Security Concentration 2020 - 2021**

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**ITEC 110 Principles of Information Technology**

**ITEC 281 Data Analysis & Mgmt with Spreadsheets**

**ITEC 315 GUI Design and Implementation**

**ITEC 350 Intro. To Computer Networking**

**ITEC 370 Software Engineering I**

**ITEC 466 Info. Assurance Mgmt.**

**ITEC 490 Senior Seminar / IT Professionalism**

**ITEC 445 Computer System and Database Security**

**ITEC 455 Applied Cryptography and Network Security**

**ITEC 495 Information Systems Capstone**

**ITEC 445 Intro. to Info. Security**

**ITEC 495 I.T. Project Management**

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**ITEC 120 Principles of Computer Science I**

**ITEC 220 Principles of CS II**

**ITEC 225 Web Programming I**

**ITEC 340 Database I**

**ITEC 205 Data Communications and Networks**

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

**ITEC 369 Systems Analysis & Design**

**ITEC 370 Software Engineering I**

**ITEC 466 Info. Assurance Mgmt.**

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**Core Curriculum:**

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

- **MATH 126** or 171: Mathematical Sciences
- **ECON 205**: Social and Behavioral Sciences or U.S. Perspectives

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

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**Additional Business Requirements:**

- **ECON 205**: Principles of Macroeconomics
- **MGNT 322**: Organizational Behavior
- **MKTG 340**: Essentials of Marketing

**Upper division Business courses (ie all MGNT, MKGT courses) have the following prerequisites:** Junior standing, ENGL 102, and all lower division business (ie all ACTG, and ECON) courses.

**Major GPA Requirement:** 2.0 in all ITEC, MATH, STAT, FINC, MKTG, MGNT, ACTG, ECON courses applied to the major, excluding courses used to meet the B.S. Requirement.

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**B.S. Requirements: (6-8 credits):**

Remaining credits chosen from any ITEC 200, 300, or 400-level 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, MATH 172 or any 200-level or above Math course; ASTR 111, 112; any Biology (except BIOL 301, 302); any Chemistry; any Geology; GEOS/ITEC 250; any Physics; PHYS 301.

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

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

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**ITEC 120 & ITEC 220** can only be attempted twice, including Withdrawals.

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See 2020 - 2021 Catalog for additional requirements and prerequisites.