Information Technology Semester Curriculum

**Fall (S1)**
- IT 1050: Fundamentals of IT
- IT 1080C: Computer Networking
- IT 1090C: Computer Programming I
- ENGL 1001: English Composition
- MATH 1026: Pre-Calculus
- PD 1010: Intro to COOP for CECH

**Spring (S2)**
- Track Course 1
- IT 2606C: Database Management I
- IT 1811C: System Administration
- IT 1045C: Fund. of Web Development
- IT 2030C: Info. Sec. and Assurance

**Fall (S3)**
- Track Course 2
- IT 3060C: Database Management II
- IT 2020: Implications of IT
- IT 1051C: Fund. of Digital Media
- HPE 2071: Applied Statistics
- Science Elective*

**Spring (S4)**
- Track Course 3
- IT 5002: Senior Design Proj Mgt I
- IT 3020: Systems Analysis & Design
- FIN7000: Finns in Finance
- ACCT7000: Finns in Accounting

**Summer (S5)**
- Gen Ed Elective**
- IT 5001: Senior Design Proj Mgt I
- IT 3046C: Client-Side Web Programming (4)
- IT 3045C: Contemporary Programming (2)
- IT 5071C: Senior Design Networking/Systems Technical Practicum I (7)
- IS7011: Info & Tech Mgmt

**Fall (S6)**
- Track Course 4
- ENGL 4091: Writing for Personal, Professional & Technical
- IT 2035C: Network Infrastructure Management (1)
- MGT7011: Marketing for Managers
- ECON7020: Managerial Economics
- IS7011: Info & Tech Mgmt

**Spring (S7)**
- Track Course 5
- IT 5002: Senior Design Proj Mgt II
- IT 3046C: Client-Side Web Programming (4)
- IT 3045C: Contemporary Programming (2)
- IT 5071C: Senior Design Networking/Systems Technical Practicum II (8)
- ENGL 4092: Writing for Personal, Professional & Technical

**Fall (S8)**
- IT 2045C: Computer Programming II (1)
- IT 3071C: Client-Side Web Programming (4)
- IT 4037C: Special Topics in Networking/Systems (6)
- IT 5031C: Senior Design Networking/Systems Technical Practicum I (7)
- IT 5032C: Senior Design Networking/Systems Technical Practicum II (8)

**Spring (S9)**
- IT 2030C: Info. Sec. and Assurance
- IT 3060C: Database Management II
- IT 3020: Systems Analysis & Design
- IT 5031C: Senior Design Networking/Systems Technical Practicum I (7)
- IT 5032C: Senior Design Networking/Systems Technical Practicum II (8)

**Total Credits:** 158

**BSIT Tracks**
- Networking/Systems Track
- Software Application Development Track
- Cybersecurity Track

**Information Technology Co-op schedule**

**Freshman**
- Fall: S1, S2
- Spring: C3
- Summer: S3

**Sophomore**
- Fall: S4
- Spring: C3
- Summer: S5

**Pre-Junior**
- Fall: S4
- Spring: C3
- Summer: S5

**Junior**
- Fall: S6
- Spring: C6

**Senior**
- Fall: S7
- Spring: S9

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*Students must meet with their co-op advisor within the first three weeks of the semester that precedes their first planned co-op semester. With prior approval of the academic and co-op advisor, students may take up to six credit hours of courses while on co-op. Students must complete and pass all coursework for S1 and S2 and have a minimum 2.0 GPA to be eligible to co-op.

**Science Electives** must be from BIO, CHEM, PHYS or GEO.

**General Education Electives** must be from a list of courses designated as Fine Arts, Historical Perspectives, Humanities and Literature, or Social Sciences. Each elective must represent a different area.

*Students in the Cybersecurity track must take IT2030 in the spring of their freshman year (S2). All other students will take in their second year (S4)

**Cybersecurity track students** must take C21001: Introduction to Criminal Justice and POL2035 Cybersecurity Strategy and Policy as their first two advisor approved electives.

**Students are considered undergraduate CECH students for the first four years of the program (S1 to S6 and C1 to C5), will become graduate students in the fifth year (S7, S8, and S9), and will graduate with a Bachelor of Science in Information Technology and Master of Business Administration at the end of the spring semester of the fifth year.

**Students in the Bachelor of Science in Information Technology may use the prior learning assessment process (http://www.uc.edu/testingservices/pla.html) to receive advanced standing for a maximum of 4 semester IT courses for which they have prior experience. Please speak to the academic advisor or a faculty member before applying.**