Bachelor of Science in Information Technology - (Fall 2022 and Later Cohorts)

Total number of credits is 120

Freshman (0 - 29 credits)

Semester 1

- CSC101: Computer Science and IT Applications
- MTH101: College Algebra
- ENG101: Argument
- CIV101: The Ancient World History
- SCI101: Life Science SCI-L101 Life Science Lab

Semester 2

- SCI102: Physical Science
- STT201: Statistics
- ENG102: Critical Reading and Writing
- CIV203: Civilization III: The Ancient World (Humanities)
- Social Sciences OR Humanities

Sophomore (30 - 59 credits)

Semester 3

- ITE202: IT Systems
- MTH235: Discrete Mathematics
- ENG203: Research
- CIV204: Civilization IV: The Modern World (Humanities)
- Life Sciences Course

Semester 4

- ITE301: Data Communications and Networks
- ITE304: Fundamentals of Web Systems
- ITE306: Computing Platforms
- Minor 1 / General Elective 1
- Math and Sciences: MTH340

Junior (60 - 89 credits)

Semester 5

- ITE303: Introduction to Programming
- ITE305: Database Management Systems
- ITE308: IT Project Management
- IT Elective 1
- IT Elective 2

Semester 6

- ITE401: Advanced Computer Networks
- ITE404: Web Application Programming
- ITE406: Professional Ethics and Communications
- ITE408: Interaction Design
- Minor 2 / General Elective 2

Senior (90 and above)

Semester 7

- ITE403: Information Security
- ITE407: Advanced Database Management Systems
- ITE409: Advanced Programming
- ITE411: IT Capstone Project I
- Minor 3 / General Elective 3

Semester 8

- ITE412: IT Capstone Project II
- IT Elective 3
- IT Elective 4
- Minor 4 / General Elective 4
- Minor 5 / General Elective 5

Color Code

- Social Science Core
- English Core
- Math and Science Core
- Core Option
- IT Major Course
- General Elective / Minor
- IT Elective

Corequisite

Prerequisite