Information Technology

48 credits
Bachelor of Science

Being a valued member of an IT team means having an understanding of computing technology and information systems. In our program, you will go beyond the classroom, applying what you learn to real-world experience in the field.

Start with a foundation in programming, networking, database management, and information systems. Each topic you explore will equip you for your IT career. Maximize your skill set by mastering the set of courses in either the Cyber Security or Administration tracks.

Core Courses 8 courses - 24 credits

- CS 0098  Decision Making with Excel
- CS 0421  Programming Using Java
- CS 0422  Advanced Programming Using Java
- INFSCI 0010  Introduction to Information Systems and Society
- INFSCI 1022  Database Management Systems
- INFSCI 1055  Client/Server Operating Systems
- INFSCI 1056  Linux Operating System
- INFSCI 1070  Introduction to Telecommunications and Networks

Cyber Security Track 4 courses - 12 credits

- INFSCI 1053  Digital Forensics
- INFSCI 1087  Ethical Hacking
- INFSCI 1074  Computer Security
- INFSCI 1075  Network Security

OR

Administration Track 4 courses - 12 credits

- INFSCI 1037  Information Technology Project Management
- INFSCI 1038  Management Information Systems
- INFSCI 1044  Human Factors in System Design
- INFSCI 1078  Ethics in Computing

Electives 3 courses - 9 credits

Any CS or INFSCI courses not used to fulfill another requirement may be taken as an elective.

Capstone Requirement 1 course - 3 credits

- INFSCI 1085  Internship

NOTE:

Information Technology students must complete all core, track, elective, and capstone courses in the major with a grade of a C- or better.