Information Technology

48 credits
Bachelor of Science

Information Technology is concerned with the problem of managing, using, and communicating information to support decision making and with the task of finding the proper combination of people, procedures, and technology for the design of effective information systems.

Employment:
* Computer repair
* Cybersecurity
* Database administration
* Network support
* Project management
* Software development
* Software quality assurance
* User consulting

Core Courses 6 courses - 18 credits

- INFSCI 0010 Introduction to Information Systems and Society
- CS 0421 Programming Using Java
- CS 0422 Advanced Programming Using Java
- INFSCI 1022 Database Management Systems
- INFSCI 1044 Human Factors in System Design
- INFSCI 1070 Introduction to Telecommunications and Networks

Electives 5 courses - 15 credits

Any INFSCI courses not used to fulfill another requirement may be taken as an elective. Possible electives include:

- INFSCI 1037 Information Technology Project Management
- INFSCI 1052 User Centered Design
- INFSCI 1053 Digital Forensics
- INFSCI 1058 Web Programming
- INFSCI 1068 Geospatial Information Systems
- INFSCI 1072 Introduction to Wireless Networks
- INFSCI 1073 Application Development for Mobile Devices
- INFSCI 1074 Computer Security

Related Area 4 courses - 12 credits

Take four courses from a single department such as Management, Psychology, Communication, or Mathematics. Other departments in the Natural Sciences, Behavioral Sciences, and Humanities may also be used as a related area.

Students may also choose a Minor rather than a related area which is often a total of 15 credits, depending upon the chosen Minor.

Capstone Requirement 1 course - 3 credits

- INFSCI 1080 Independent Study OR
- INFSCI 1085 Internship OR
- INFSCI 1038 Senior Project

NOTE:

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