



Crookston Campus

Information Technology Management Minor

Math, Science and Technology

Academic Affairs

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2019
- Required credits in this minor: 18

An information technology management minor gives students a general background in technology, computer applications, services, and systems.

Students completing the information technology management minor will:

- demonstrate abilities in the use of information systems hardware, operating systems, and industry leading computer applications
- use computer technology in preparing programs, presentations, and written reports
- demonstrate the ability to communicate clearly and concisely in written and oral communications through technical reports, solutions to information technology problems, and feasibility studies
- demonstrate human relations and career/life adaptability skills in problem solving, decision making, and responding to change
- demonstrate an environmental perspective in the development of solutions for business and information technology problem solving
- demonstrate global and ethical perspectives in information technology management

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Program Core Requirements

[SE 2050](#) - Introduction to Programming I (3.0 cr)

[SE 3050](#) - Database Management Systems (3.0 cr)

[ITM 3110](#) - Microcomputer Operating Systems (3.0 cr)

Take 9 or more credit(s) from the following:

- [SE 2070](#) - Introduction to Programming II (3.0 cr)
- [NT 3120](#) - Networking Standards and Protocols (3.0 cr)
- [ITM 3130](#) - Messaging Systems (3.0 cr)
- [SE 3145](#) ~~(Inactive)~~ (3.0 cr)
- [ITM 3190](#) - Topics in Information Technology Management (3.0 cr)
- [ITM 3200](#) ~~(Inactive)~~ (3.0 cr)
- [NT 3215](#) - Information Assurance and Cybersecurity (3.0 cr)
- [ITM 4020](#) - Analysis and Design of Information Systems (3.0 cr)