



Master of Management Concentration or Certificate

Information Technology Management

16 credits • accepted in MM and MBA

The **Information Technology Management** concentration provides understanding of core information systems principles and the role of the systems professional and IT within an organization. Students get an overview of hardware, software, file/database concepts, systems analysis and design methodologies. They will acquire basic project management skills.

Learning Outcomes — In addition to general MM outcomes, graduates will:

- Understand how information technology may be used efficiently and effectively in the business environment.
- Be able to manage IT projects.
- Acquire the tools needed to manage IT departments.
- Be able to utilize technology to more efficiently manage functional areas within an organization.
- Understand how to align technology and business needs.

Careers — Graduates are trained for advancement into supervisory and management positions in business, non-profit and government organizations. Graduates will be able to move into jobs involving information technology, including jobs in IT management, business management, project management, systems analysis.

Required courses

- MMG522 Information Systems in the Organization (required first course)
MMG710 Project Management Concepts & Practices
MMG715 Management Information Technology
MMG717 Systems Analysis & Design (preq. MMG522)

Choose one elective course

- MMG700 IT Service Management (preq. MMG522)
MMG714 Data Management
MMG795 Advanced Project Management

Directed study (1 credit)

- DMG621 Statistical Analysis Using Spreadsheets

Admission requirements

Certificate:

- Bachelor's degree and other School of Management requirements.
- 3-5 years of work experience recommended.

MM Concentration: See MM or MM55 admission requirements.

If **writing assessment** indicates need, additional coursework may be required.

(All courses @ 3 credits except as noted.)