



Master of Management Concentration or Certificate

Information Technology Management • CIP code 520201

16 credits • accepted in MM and MBA

Program Description — 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
- MMG717 Systems Analysis & Design (preq. MMG522)
- MMG715 Management Information Technology (preq. MMG522)
- DMG621 Statistical Analysis Using Spreadsheets (1 credit)

Choose one elective course

- MMG700 IT Service Management (preq. MMG522)
- MMG714 Data Management (preq. MMG522)
- MMG795 Advanced Project Management (preq: experience in a project team or as project manager, or MMG710/equivalent.)

Admission requirements

- **Certificate:** Bachelor's degree and other School of Management requirements and three years of appropriate 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.)