MASTER OF SCIENCE IN MANAGEMENT

INFORMATION TECHNOLOGY MANAGEMENT

The Information Technology Management program is designed to provide advanced knowledge to practicing IT professionals. The program combines a core curriculum of technology independent coursework with a diverse offering of elective courses. Students seeking a more technical focus may choose courses on intelligent systems, artificial intelligence, knowledge-base systems, simulation and modeling, groupware, data mining, and data warehousing, among others. Students expecting to work more closely with managers and users may tailor their program through topics such as information systems strategy, behavioral aspects of information systems, end-user development, and planning for information technology adoption and diffusion.

Foundation Course

Students admitted to the program without an undergraduate degree in information technology, a related field, or a minimum three years of information technology experience, must complete the following course:

BUS ADM 335   Visual System Development. 3 cr.

Core Courses (15 credits)

BUS ADM 744	Information Technology Strategy & Management
BUS ADM 747	Service-Oriented Analysis and Design
BUS ADM 748	Managing Information Technology Projects*
BUS ADM 749	Data and Information Management
BUS ADM 810	Development of Web-Based Solutions

Integrating Course

Elective Courses (15 credits)

BUS ADM 741	Web Mining and Analytics
BUS ADM 743	Information Privacy, Security & Continuity
BUS ADM 746	Topics in Information Technology Management (current topics)
BUS ADM 811	Process and Work-Flow Management
BUS ADM 812	Emerging Information Technologies for Business
BUS ADM 814	Enterprise Knowledge and Semantic Management
BUS ADM 816	Business Intelligent Technologies and Solutions
BUS ADM 817	Infrastructure for Information Systems
BUS ADM 818	Information Systems Practicum
BUS ADM 819	Information Technology Management Internship
BUS MGMT 732	Enterprise Resource Planning
BUS MGMT 733	Enterprise Simulation Game

Degree completion: 30 Credits

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