

MANAGEMENT INFO. SYSTEMS (MIS)

MIS 2000 Information Systems for Management 3 cr

(Lab required) Introduction to information systems in organizations, systems development/acquisition, and management issues concerning information technology in organizations.

Equiv To: MIS 2001

MIS 3010 Business Data Analytics 3 cr

The course covers the process of data analysis: extracting, transforming, analyzing, visualizing, and interpreting data by using popular analytics software and techniques. May not be held with MIS 4250 when titled "Data Analytics".

PR/CR: A minimum grade of C is required unless otherwise indicated.

Prerequisites: MIS 2000 (C+) or MIS 2001 (C+).

Mutually Exclusive: MIS 4250

MIS 3500 Database Management Systems 3 cr

Designing, developing and managing database systems, by using mainstream design methodologies and popular development tools.

PR/CR: A minimum grade of C is required unless otherwise indicated.

Prerequisites: [MIS 3510 (D)] and [COMP 1010 (C)].

MIS 3510 Systems Analysis and Design 3 cr

Analyzing business tasks, processes, information and information technology, and designing information systems by employing methodologies, techniques and popular software used by information systems professionals.

PR/CR: A minimum grade of C is required unless otherwise indicated.

Prerequisites: MIS 2000 (C+).

MIS 3520 Data Communications and Networking 3 cr

A study of basic data communications topics, including communication media, protocols, network security, network topologies (local and wide area networks), Web development and network management issues.

PR/CR: A minimum grade of C is required unless otherwise indicated.

Prerequisite: MIS 2000 (C+).

MIS 4250 Advanced Topics in Management Information Systems 3 cr

A study of current issues in MIS. The topics for this course will vary over time, depending on student interests, faculty interests, and student demand. Not offered every year.

PR/CR: A minimum grade of C is required unless otherwise indicated.

Prerequisite: consent of instructor.

Mutually Exclusive: MIS 3010

MIS 4500 Management Information Systems Strategy 3 cr

A survey of the various issues associated with managing information as a resource. Explores MIS planning frameworks and tools, and the linkages between information systems, organizational structure and organizational strategy. A survey of the various issues associated with managing information as a resource. Explores MIS planning frameworks and tools, and the linkages between information systems, organizational structure and organizational strategy.

PR/CR: A minimum grade of C is required unless otherwise indicated.

Prerequisites: at least two of the following: ACC 3530 (D), MIS 3500 (D), MIS 3510 (D), MIS 3520 (D), MIS 4250 (D).