

# MANAGEMENT INFORMATION SYSTEMS (MIS)

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## MIS 590 - Experimental

A unique and specifically focused course within the general purview of a department which intends to offer it on a "one time only" basis and not as a permanent part of the department's curriculum.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment limited to students with a semester level of Graduate.

## MIS 598 - Selected Topics

A Selected Topics course is a normal, departmental offering which is directly related to the discipline, but because of its specialized nature, may not be able to be offered on a yearly basis by the department.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

## MIS 603 - Healthcare Information Systems

This course will give an introduction to computer-based Information Systems as they are applied to the health care industry. Topics will include characteristics of health care data, design and life cycle of HCIS, the information technology supporting HCIS and management issues.

Credits: 3

Term(s) Typically Offered: Offered Spring Terms

Enrollment is limited to Graduate level students.

## MIS 610 - Business Analysis and Decision Support

This course provides analytic skills through a review of critical business analysis and decision support concepts. We study how information technology such as spreadsheet and relational database applications influence organizational decisions and management. The course offers hands-on experiences in intermediate and advanced spreadsheet and relational database applications. The students will be able to create models and reports with these tools. The course offers strong technical and quantitative skills for effective leaders and managers. The course assumes that the student has a basic proficiency in spreadsheets, statistics and databases.

Credits: 3

Term(s) Typically Offered: Offered Fall & Spring Terms

Enrollment is limited to students with a program in Business Adm-Accountng/Finance, Business Adm-Management/Mrktng, Business Administration or Business Administration (OL).  
Enrollment is limited to Graduate level students.

## MIS 613 - System Analysis and Design

This course focuses on the methodologies, techniques and tools in analysis and design of computer information systems. The course will enhance students' skill sets; provide exposure to new information technologies, theories, practices and methodologies. The general objective of this course is to provide concepts related to information systems development in a systematic approach including requirements elicitation, planning, analysis, design, implementation and maintenance. The course will provide students with advanced technical, organizational and managerial skills to becoming systems or business analysts. Graduates will become skillful contributors to teams that are responsible for developing information systems to support various areas of organizations.

Credits: 3

Term(s) Typically Offered: Offered Fall Terms

Enrollment is limited to Graduate level students.

## MIS 643 - Project Management

This course addresses project management. It provides an understanding of the purpose, methods and benefits of process management by exposing the student to the concepts, practices, processes, tools and techniques used in process management for large projects.

Prerequisite: HIM 600<sup>C</sup>

<sup>C</sup> Requires minimum grade of C.

Credits: 3

Term(s) Typically Offered: Offered Summer Terms

Enrollment limited to students in the MS 9HIN or MS 9IIO programs.

Enrollment is limited to Graduate level students.

## MIS 653 - Enterprise Architecture

This course offers advanced concepts and practical application of enterprise architecture and the enterprise architect to analyze, design, implement and maintain lifecycle enterprise solutions that support business operations. Case studies will be used to examine how today's businesses are implementing large-scale enterprise operating models including software platforms and transforming their business models using modern disruptive digital technologies. Concepts to be covered will include architecture frameworks, architecture design principles, governance, integration, operability, system implementation roadmaps to ensure agile enterprise solutions to support changing business strategy.

Credits: 3

Term(s) Typically Offered: Offered Spring Terms

Enrollment is limited to Graduate level students.

## MIS 690 - Experimental

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Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment limited to students with a semester level of Graduate.

## MIS 698 - Selected Topics

A Selected Topics course is a normal, departmental offering which is directly related to the discipline, but because of its specialized nature, may not be able to be offered on a yearly basis by the department.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

**MIS 700 - Independent Study**

Independent Study courses give students the opportunity to pursue research and/or studies that are not part of the university's traditional course offerings. Students work one on one or in small groups with faculty guidance and are typically required to submit a final paper or project as determined by the supervising professor.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

**MIS 790 - Experimental**

A unique and specifically focused course within the general purview of a department which intends to offer it on a "one time only" basis and not as a permanent part of the department's curriculum.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment limited to students with a semester level of Graduate.

**MIS 798 - Selected Topics**

A Selected Topics course is a normal, departmental offering which is directly related to the discipline, but because of its specialized nature, may not be able to be offered on a yearly basis by the department.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.