

## Decision Sciences and Information Systems

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### Purpose

The purpose of the Department of Decision Sciences and Information Systems is to provide students with the knowledge and ability to design, develop, and implement information systems that will help enterprises solve their problems effectively. Students will be given a solid foundation in the design, use, and management of databases, enterprise systems, telecommunications technology, information security, and electronic commerce systems. The department offers courses in management information systems, management science, and production and operations management, and business statistics at both the graduate and undergraduate levels.

### Management Information Systems Major

Undergraduate business students can opt to major in Management Information Systems (MIS). This major provides students with the background they need to give informational support for decision-making, design databases and systems including electronic commerce systems and data communications systems, and understand the project management aspects in organizations.

Graduates will be prepared for entry-level positions in MIS, either in user- or system-oriented departments.

### Degree Program Requirements (120 credit-hours)

Lower-Division/Business Pre-Core	60 hours
Upper-Division/Business Core	30 hours
Major Courses	24 hours
Business Electives	6 hours

### Lower Division/ Business Pre-Core

The "General Information" section in this catalog describes the lower division requirements. The Business Pre-Core requirements are listed in the first section of this "College of Business Administration" chapter. Students must complete all lower division and Business Pre-Core requirements no later than the first semester of their third year of undergraduate study.

### Upper Division/Business Core

The College's Business Core Requirements are listed in the first section of this "College of Business Administration" chapter.

### Major Courses (3 credit-hours each)

ISM 3153	Enterprise Information Systems
ISM 4400	Management Support Systems
ISM 4220	Business Data Communications
ISM 4210	Data Base Applications
ISM 4054	Introduction to Web Management
ISM 4113	Systems Analysis and Design
ISM 4151	Systems Management
ISM 4323	Information Security Management

### Business Electives

Students may take two business electives among the following courses:

ISM 4340	Organizational Impacts
ISM 4949	Cooperative Education in MIS II

or

Additional courses offered by the department

or

Business courses after obtaining approval from the department

### Academic Standard

The Department of Decision Sciences and Information Systems requires that students receive a grade of "C" or higher in all major courses, and a passing grade in business electives in order to remain in the degree program.