

# Management Information Systems

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## Contact Information

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Bachelor's of Science (3)

Minor (2)

The Management Information Systems degree is designed to provide the professional administrator/manager a balance between technical expertise and organizational knowledge in everything from the application of information technology to solving business problems. The B.S. degree in Management Information Systems may be earned online, on campus, or through a combination of online and on-campus courses.

All majors in the College of Business and Management require foundation knowledge in accounting, economics, mathematics, and statistics. Several of these courses also fulfill UIS general education requirements.

## The Bachelor's Degree

The B.S. in MIS provides two additional options for study:

- Applied Business Analytics Concentration
- Healthcare Informatics Concentration

The bachelor's degree provides students with both a foundation in business, and skills in management information systems, rather than a foundational focus on computer science. The skill set combination prepares students to provide solutions and achieve goals for companies, non-profit organizations, and government agencies. The B.S. in MIS degree program also equips students with expertise from a holistic business perspective, versus merely a micro-level or science perspective, and will allow them to combine their knowledge of computing and organizations to bridge the gap between technical and business specialists.

## Advising

New students must contact the department for initial advising to plan a program of study that reflects their interests and satisfies degree requirements. Students are also required to access the Degree Audit System throughout their college career to verify that degree requirements are being met.

The College of Business and Management and the University of Illinois Springfield have a team of advisors ready to assist students in achieving their academic and career preparation goals. Advising services are customized based on the level and location of the student. Refer to the Undergraduate Academic Advising - College of Business and Management for resources to help you succeed in achieving your academic goals. CBM strictly enforces prerequisites.

## Grading Policy

Student must earn a minimum grade of C- in all foundation courses and a cumulative GPA of at least 2.0 across all foundation courses. Students must earn a minimum of C- in all college core courses (EXCEPT MGT 488) and a cumulative GPA of at least 2.0 across all college core courses. A minimum grade of C (2.0) is required in MGT 488 (a grade of C- or lower will not be accepted).

## Program Learning Outcomes

1. Provide the analytical and practical frameworks and methodologies necessary to analyze, design, implement, and manage complex information systems in contemporary organizational structures.
2. Provide knowledge of the principles necessary for understanding basic computer hardware and software systems to ensure the data quality, transmission, processing, and storage necessary to facilitate organizational decision making and general operations.
3. Develop competencies in applying systems analysis and design strategies and techniques in realistic marketplace environments.
4. Provide a balance between technical and organizational knowledge for a variety of professional organizations.

In addition, upon completion of a Bachelor's degree through the College of Business and Management, students will meet the following goals and objectives:

- Demonstrate knowledge of key concepts in the major business disciplines, including accounting, economics, management, marketing, finance information systems and the legal and social environment of business.
- Systematically analyze a business problem using appropriate methods. Students will be able to: effectively examine alternatives, analyze alternatives, and recommend an appropriate course of action.
- Demonstrate effective oral communication skills and the use of presentation technologies.
- Demonstrate effective written communication skills.
- Understand the use of information technologies in organizations.
- Understand, interpret, and analyze quantitative problems and quantitatively presented information.

## Internship

The bachelor's degree in MIS requires a minimum of three hours of internship course work consisting of an individualized field experience (IPL 300) or an individual project (IPL 301). Students are encouraged to complete six hours of Internship. Internship hours will be used to fulfill the Engagement Experience ECCE category. Students must complete course work in at least one of the other ECCE categories including U.S. Communities and Global Awareness. The one hour UNI 301 Speaker Series course fulfills the last hour of the ECCE requirement (10 Total ECCE hours required).

- Only in exceptional cases, using a Student Petition, with appropriate College of Business and Management approvals,

students may request to waive the three-hour internship requirement and substitute an alternative ECCE course.

- Credit for Prior Learning (IPL 305) may not be used by College of Business and Management students to fulfill degree requirements.

## Requirements

To earn a Bachelor's of Science in Management Information Systems a student must:

- Complete at least 48 semester hours of upper-division (300-400 level) course work.
- Complete at least one half of their business course work at UIS. (college core and major)
- Earn a cumulative grade point average of at least 2.0 across all courses required for the major.

ALL MIS undergraduate majors must complete 21 core credit hours to fulfill the degree requirements as follows:

### Foundation Requirements

Junior or Senior standing required to enroll in ACC 311 and ECO 315		
ACC 211 & ACC 212 or ACC 311	Introduction to Financial Accounting and Introduction to Managerial Accounting Administrative Uses of Accounting	4-6
ECO 213 or MAT 121	Statistics for Business and Economics Applied Statistics	3
ECO 201 & ECO 202 or ECO 315	Introduction to Microeconomics and Introduction to Macroeconomics Economics for Administration	4-6

Course work equivalent to the above may be accepted upon approval by the student's advisor and the College of Business and Management by a Student Petition.

**Total Hours** **11-15**

### College Core Requirements:

BUS 312	Principles of Marketing	3
BUS 322	Principles of Operations Management	3
BUS 331	ECCE: Business, Ethics, and Society	3
FIN 302	Principles of Financial Management	3
MGT 310	Managing Organizational Behavior	3
MGT 330	Business and Managerial Communication	3
MGT 488	Strategic Management: The Capstone <sup>1</sup>	3
MIS 352	Principles of Management Information Systems	3
MIS 376	Business Analytics	3

**Total Hours** **27**

<sup>1</sup> Prerequisite: All college core courses, and within 12 hours of graduation or during the student's last semester. A minimum grade of C (2.0) is required in MGT 488 (a grade of C- or lower will not be accepted).

### MIS Core Requirements:

CSC 225	Computer Programming Concepts I	3
MIS 385	Data and Information Management	3
MIS 454	Systems Analysis and Design	3

MIS 456	Networks and Telecommunications in Organizations	3
MIS 458	Project Management	3
MIS 468	Business Process Management	3
MIS 469	IS Strategy Management and Acquisition	3

**Total Hours** **21**

Engaged Citizenship Common Experience (ECCE) **10**

## Transferring in College Core Courses

The following requirement must be met in order to transfer credit to fulfill an upper division college core course requirement:

- The course must be an upper division course.
- The course must have been completed within six years prior to admission.
- A grade of C (2.0) or better must be earned in each course requested for transfer (grades of C- or lower will not be accepted).
- No more than four courses or twelve hours of transfer credit may be used to fulfill CBM college core course work.
- MGT 488 Strategic Management: The Capstone must be completed at UIS.

## Management Information Systems Minors

- Business Analytics Minor
- Management Information Systems Minor

## Online Degree

The online programs allow students to participate in dynamic, diverse, and interactive online learning communities and to complete their degrees via the Internet. The online format enables them to complete course work using the latest networked information technologies for increased access to educational resources, advisors, and materials with no on-campus visits required. The online degree follows the same curriculum as the on-campus degree.

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- Management Information Systems (p. 1)