

# Management Information Systems

## Master of Science Graduate Certificates – 3

Bachelor of Science  
Bachelor of Science with Health Care Informatics Concentration

Undergraduate Minor

[mis.uis.edu/](http://mis.uis.edu/)  
Email: [MIS@uis.edu](mailto:MIS@uis.edu)  
Office Phone: (217) 206-6067  
Office Location: UHB 4021

## Department Goals and Objectives

After completing the Master of Science degree in Management Information Systems, graduates will be able to demonstrate:

- A core of information systems management and technology knowledge.
- Ability to integrate information systems and business foundations knowledge.
- Communication, interpersonal, and teamwork skills.
- Analytical and critical thinking skills.

## The Master's Degree

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 M.S. degree in Management Information Systems may be earned online, on campus, or through a combination of online and on-campus courses.

## Curricular Practical Training (CPT)

The following MIS graduate level courses, MIS 542, MIS 552, MIS 573, MIS 576, MIS 583, MIS 584, and MIS 585, require a project or internship as part of the class. CPT is available to complete the internship. Students are eligible to apply for a CPT after two consecutive semesters of full-time study toward their M.S. in Management Information Systems; summer does not count as a semester. Each student may do one CPT during their entire degree program (CPT is allowed for only one semester for one course). If the student does not complete the course while they are doing their CPT, they are not eligible for another CPT if they re-take the course. A CPT will be considered a practical internship project as part of the course. Students who elect to do a CPT are required to submit a report to the course instructor at the end of the semester for evaluation as a part of the course. Students who decide on a CPT must enroll full-time (registering for at least three graduate level MIS courses) during the semester they do the CPT, unless they require fewer credit hours to graduate. In addition, students need approval from the International

Student Services Office as well as the course instructor of the class the CPT is associated with.

## 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.

## Grading Policy

At least a C- grade is mandatory in all prerequisites to the program (including ACC 311, BUS 322, MAT 121 or ECO 213, and CSC 225 and CSC 275, etc.). MIS department majors must maintain at least a 3.0 grade-point average in order to earn a MIS degree. Two successive semesters of probation may lead to a one-year suspension. Only one C or C+ in the Program is acceptable (a grade of C- or lower is not acceptable in the 500-level classes). To earn a M.S. in MIS degree, a minimum grade point average of 3.0 in all graduate level courses taken towards the degree completion is required. A MIS master's degree candidate may not take any of the hours required for the degree on a CR/NC basis. A grade of B (3.0) or better is required in either the MIS Capstone (MIS 584), or in the project course (MIS 583), or in the thesis course (MIS 585) to graduate (grades of B- or lower will not be accepted).

**NOTE:** Students also should refer to the campus policy on Grades Acceptable Toward Master's Degrees section of this catalog.

## Communication Skills

Entering students are required to pass a diagnostic writing examination administered by the Center for Teaching and Learning. Students with deficiencies in writing may be required to take ENG 309 Professional and Technical Writing.

## Degree Requirements

MIS 502	Technical Foundations of Information Systems	3
MIS 513	Management Information Systems	3
MIS 523	Fundamentals of Business Analytics	3
MIS 542	Management of Database Systems	3
MIS 552	System Analysis And Design	3
MIS 564	Data Communications and Networking	3
MIS 567	Business Process Modeling and IT Governance	3
MIS 568	Business Process Management and Innovation	3
MIS 573	Project and Change Management	3
MIS 577	MIS Design and Research Methods	3
One approved MIS elective <sup>1</sup>		3
MIS 584 or MIS 583	Capstone <sup>2</sup> Graduate Project And Seminar	3
MIS 585	Thesis And Seminar <sup>3</sup>	6
Total Hours		36

<sup>1</sup> Students who select the Thesis option are not required to complete the MIS elective

<sup>2</sup> At least 27 credit hours of graduate-level course work must be completed before enrolling in MIS 584.

<sup>3</sup> MIS 585 is another closure option (which can be taken INSTEAD of MIS 584 or MIS 583). If the Thesis option is chosen the MIS elective is not required.

## **Important Course Notes:**

**Electives:** Either MIS 576 or MIS 578 must be taken as a MIS elective.

## **Graduation Requirements**

1. Selection or assignment of a management information systems faculty advisor.
2. Fulfillment of all the prerequisites for the M.S. in MIS.
3. A minimum B average (3.0) in MIS 502, MIS 513, and MIS 523.

At least 24 hours of the courses required for the degree must be completed following matriculation into the department.

## **Master's Closure**

All MIS graduates must complete MIS 584, or MIS 583, or MIS 585. The nature of the graduate project is contingent on the individual's career goals and may or may not include a practicum experience.

Projects may involve, for example, design/analysis of an information system for an existing organizational need; development of one or more databases for a potential organizational need; analysis of managerial needs or uses for information that is accessible in an existing database; or analysis, design, security, and management of networks. If the project/thesis is not completed during these initial three or six hours, students must register for MIS 586/MIS 587 (zero credit hours, one billable hour) each fall and spring semester until the capstone/project/thesis is complete.

UIS policy precludes students who are not registered from using campus resources. If a leave of absence is requested and approved, continuous registration is not required. Failure to obtain a leave of absence will require retroactive registration of one credit hour per semester.

## **The Online Degree**

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 M.S. degree in Management Information Systems may be earned online, on campus, or through a combination of online and on-campus courses.

## **Graduate Certificates**

- Business Analytics
- Business Process Management
- IT Project Management