
M.S. IN MANAGEMENT INFORMATION SYSTEMS PROGRAM CURRICULUM

This graduate program addresses the themes of leadership, globalization of business, business ethics, and organizational communications, along with the advanced study of management information systems. The program consists of two phases. **Phase One** is designed to address deficiencies in undergraduate course work considered to be prerequisite for the **Phase Two** (30 semester hours) graduate course work. In addition to the Phase One core requirements, proficiency in a business computing language, typically Java, COBOL or C, is required. Students with significant undergraduate course work in business may be waived from some, or all, of the Phase One requirements. Exemption examinations are also available to waive Phase One requirements. There is no charge for the examination; however, a student may attempt each examination only once.

Offered by the Department of Operations Management and Information Systems, the graduate program consists of 10 Phase Two courses, seven of which are required of all majors and three elective courses selected by the student with the approval of the academic program coordinator. Whereas the required courses ensure an in-depth exposure to important management information systems issues and technology, the elective courses enable the student to survey related areas or to focus in a particular area of his or her choice.

PROGRAM REQUIREMENTS

A total of 30 hours of graduate-level course work is required for the M.S. in management information systems. The following core courses (21 semester hours) are required of all management information systems majors.

Required Courses (21 semester hours)

- OMIS 649, Business Computing Environments (3)
- OMIS 651, Business Systems Analysis and Design (3)
- OMIS 652, Business Applications of Database Management Systems (3)
- OMIS 660, Business Telecommunications (3)
- OMIS 675, Technologies and Applications of Electronic Business (3)
- OMIS 690, Information Technology Project Management (3)
- OMIS 697, Strategic Information Systems (3)

An additional 9 semester hours of electives are to be selected by the student with the approval of the program coordinator.



ADMISSIONS CRITERIA

Students seeking admission to the M.S. degree program in management information systems apply directly to the Graduate School (www.grad.niu.edu) as the first step. Prospective students can apply on-line or download the application form and mail it to the Graduate School.

<i>Admission Term</i>	<i>Application Deadline*</i>
Fall	June 1
Spring	November 1
Summer	April 1

*International students should consult the Graduate School for deadline information.

In general terms, a student must have successfully completed a bachelor's degree from an accredited institution in the United States, or have the equivalent level of education (as determined by the Graduate School) from a foreign university. Prospective students should have a GPA of at least a 3.00 on a 4.00 scale for undergraduate work, a 3.50 for graduate work, and a minimum GMAT score of 500. The GMAT may be waived for students who have an earned master's degree from an accredited institution in the United States. We do not accept the GRE in lieu of the GMAT. A GMAT of 500 is required with a 25th percentile on the verbal portion. Additionally, international students must provide a minimum TOEFL score of 550 on the scale of 310–677, or at least 213 on the newer scale of 0–300. Two letters of recommendation are required from all prospective students.

Prospective students who meet the general university guidelines for acceptance will then have their file forwarded to the department for review. Applicants will be notified by mail as to the status of their application for admission.

Questions regarding admissions, deadlines, and international student applications should be directed to the Graduate School at (815) 753-0395 or gradsch@niu.edu.

CERTIFICATE OF GRADUATE STUDY IN MANAGEMENT INFORMATION SYSTEMS

This certificate provides working professionals with the opportunity to add value to their positions through advanced course work, to obtain credentials necessary to support their current position, and to increase their employability within the field of information technology. Courses used to satisfy the requirement for the certificate may also be applied toward a graduate degree in management information systems. OMIS 507, Business Information Systems, is a prerequisite course that must be completed prior to enrollment in the certificate courses. OMIS 507 may be waived by passing an exemption examination.

Students interested in this certificate should contact the management information systems coordinator for admission procedures and other information.

- OMIS 651, Business Systems Analysis and Design (3)
- OMIS 652, Business Applications of Database Management Systems (3)
- OMIS 660, Business Telecommunications (3) OR OMIS 661, Business Decision Technologies (3)
- OMIS 690, Information Technology Project Management (3) OR OMIS 697, Strategic Information Systems (3)

☐ ONE of the following:

- OMIS 621, Computer Simulation in Business (3)
- OMIS 649, Business Computing Environments (3)
- OMIS 675, Technologies and Applications of Electronic Business (3)
- OMIS 679, Business Geographics (3)
- OMIS 694, Advanced Topics in Information Systems (3)

DEPARTMENT FEATURES

The Northern Illinois University Department of Operations Management and Information Systems offers the Master of Science degree in management information systems at two locations: NIU Naperville (1120 E. Diehl Road) and Barsema Hall on the NIU campus in DeKalb. NIU serves part-time and full-time students at both locations. Approximately 100 students are enrolled in the M.S. in management information systems program.

The department faculty has extensive teaching and research expertise in:

- Database management
- Geographic information systems
- Networking and telecommunications
- Project management
- E-Commerce
- Systems analysis and design
- Data modeling



FOR MORE INFORMATION

For additional information about the M.S. degree or certificate of graduate study in management information systems offered in DeKalb and Naperville, please contact:

Phyllis Zerull, Academic Program Coordinator
Management Information Systems Program

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NIU Naperville
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Naperville, IL 60563
(630) 577-9101

For Graduate School information, contact:
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www.grad.niu.edu

College of Business Graphic Identity Direction:
Michelle De Jean, Director of Marketing
NIU College of Business
Designer: Mary Lou REad-Dreyer
Publications Editor: Jessica Schultz
Photography: NIU Media Imaging
Typesetters: Kathie Dempsey and Betty DuMont

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Produced by the Northern Illinois University Offices of Publications and Document Services. Recycled paper.

Printed by authority of the State of Illinois.

www.niu.edu 11/04 1M 28639

Where the Classroom Meets the Business World

- 94% of College of Business faculty incorporate one or more of the following into their classes, and 76% incorporate two or more of the following into their classes:
 - Business/professional guest speakers
 - Projects with real-world business connections
 - Case studies with real-world business connections
 - Company tours or class trips to firms
- More than 60% of College of Business faculty have had seven or more years of professional experience in industry before coming to NIU.
- More than 60% of College of Business faculty participate in consulting activities in private industry.

College-wide, every academic department provides:

- Business-sponsored scholarships
 - Business-sponsored internships
 - Discipline-specific professional organizations
 - Discipline-specific Meet the Firm events
- 4 out of 5 College of Business academic departments provide discipline-specific job fairs for their students.
 - 4 out of 5 College of Business academic departments collaborate with business advisory boards that are made up of business professionals who share their insights and experiences.



DEPARTMENT OF

OPERATIONS MANAGEMENT AND INFORMATION SYSTEMS

Where the Classroom Meets the Business World

Management Information Systems

NORTHERN ILLINOIS UNIVERSITY
COLLEGE OF BUSINESS

Master of Science