

Management Information Systems

Department Information

- **Department Location:**
Richard H. Barry Hall
- **Department Phone:**
701-231-8651
- **Department Web Site:**
www.ndsu.edu/business/departments/afis/
- **Degrees Offered:**
B.S.
- **Official Program Curriculum:**
bulletin.ndsu.edu/undergraduate/program-curriculum/management-information-systems/

Management Information Systems Major

Management Information Systems concerns the collection, organization, analysis, and dissemination of information for the planning and control of business/organizational operations. The Management Information Systems (MIS) program is designed for students who wish to prepare for professional careers in information processing or information systems in business and government. The program is designed to develop technical skills and administrative insights required for design, development, implementation, maintenance, and management of organizational information systems.

The MIS program at NDSU is a collaborative effort by the faculty of two disciplines: Management Information Systems and Computer Science. The objective is to provide students with both theoretical knowledge and hands-on experience. In addition to the required courses in management information systems and computer science, majors must complete a practicum in the management information systems area. Students pursuing an MIS major typically earn a Computer Science minor.

The Bachelor of Science (B.S.) degree provides sufficient background and skills to support a successful career in technical computing (for example, programmer, systems analyst, or systems designer), systems or network administration, database administration, information technology management, sales, or technical sales support.

Management Information Systems Minor

The Management Information Systems minor is intended for students who are planning careers that involve more active roles as computer users and evaluators, designers, and/or builders of information systems. The minor will provide exposure to issues relevant to the management of information technologies and the means to achieve organizational goals.

Contact the Department of Accounting, Finance, and Information Systems for specific course and minimum grade point average requirements. A minor approval form is required and can be found on the College of Business (<https://www.ndsu.edu/business>) website.

Plan of Study

Please note this is a sample plan of study and not an official curriculum. Actual student schedules for each semester will vary depending on start year, education goals, applicable transfer credit, and course availability. Students are encouraged to work with their academic advisor on a regular basis to review degree progress and customize an individual plan of study.

Freshman			
Fall	Credits	Spring	Credits
ENGL 110	4	COMM 110	3
MIS 116	3	ENGL 120	3
Gen Ed Cultural Diversity	3	PSYC 111 or SOC 110	3
Gen Ed Humanities/Fine Arts	3	MATH 144	4
Non-Major Elective	3	Non-Major Elective	3
	16		16

Sophomore					
Fall	Credits	Spring	Credits		
ACCT 200	3	ACCT 201	3		
CSCI 227	3	CSCI 228	3		
ECON 201	3	ECON 202	3		
STAT 330	3	PHIL 216	3		
Gen Ed Science & Tech (w/ lab)	4	STAT 331	2		
		Gen Ed Wellness	2		
	16		16		
Junior					
Fall	Credits	Spring	Credits	Summer	Credits
MGMT 320	3	BUSN 430	3	MIS 397 ¹	3
MRKT 320	3	ENGL 320	3		
MIS 320	3	FIN 320	3		
MIS 315	3	MIS 350	3		
Programming Language Elective	3	MIS 375	3		
	15		15		3
Senior					
Fall	Credits	Spring	Credits		
CSCI 312	3	BUSN 489	3		
CSCI 489	3	MGMT 360	3		
MIS 376	3	MIS 470	3		
Technology Elective I	3	Gen Ed Science & Tech	3		
300-400 Level Business Elective	3	Technology Elective II	3		
	15		15		

Total Credits: 127

¹ Students must complete one of the following options: MIS 397 Cooperative Education, UNIV 492 Study Abroad, MIS 413 Service Internship, CSCI 445 Software Projects Capstone, or AGECE 371 Export Management. Requires MIS 320 as a pre-requisite and faculty advisor's prior approval.

NOTE: This is only a sample curriculum; actual schedules will depend on course availability and individual choices. Students are encouraged to meet with their academic advisor on a regular basis to review their plan of study.