

# Master of Science in Information Systems

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MSU - Information Systems (minotstateu.edu) ([https://www.minotstateu.edu/graduate/future\\_students/programs/information-systems.shtml/](https://www.minotstateu.edu/graduate/future_students/programs/information-systems.shtml/))  
 Phone: (701) 858-4337 or 1 (800) 777-0750, ext. 4337

Department of Math, Data, and Technology Chair: Darren Seifert  
 MS Information Systems Program Director: Dr. Kristi Berg

**THIS DEGREE IS OFFERED VIA DISTANCE EDUCATION**

## Mission and Goals of the MS in Information Systems Program

The Master of Science in Information Systems graduate is a technologically sophisticated business executive who forecasts information systems needs, develops information systems infrastructures, maintains existing systems, and communicates interdepartmentally. This professional may be an independent contractor consulting in various information systems applications.

## MSIS Program Student Learning Goals (SLG's)

Student Learning Goals	Student Learning Outcomes
SLG 1: Graduates of the MSIS program will be able to demonstrate information systems skills at a competent level.	SLO 1: Students will be able to project a strategic information system plan.
SLG 2: Graduates will be able to develop information systems infrastructures.	SLO 2: Students will be able to analyze an information system.
	SLO 1: Students will be able to design an information system.
SLG 3: Graduates will be able to communicate a global information systems strategy.	SLO 2: Students will be able to recommend a network environment among organizational levels.
	SLO 1: Students will be able to coordinate systems strategy among organizational levels.
SLG 4: Graduates will be able to provide information systems consulting services.	SLO 2: Students will be able to coordinate knowledge management strategies among organizational levels.
	SLO 1: Students will be able to consult with a business to develop a strategic information systems solution.

## MSIS Admissions Standards

Admission requirements in addition to those of the Graduate School:

- Undergraduate degree in CIS or MIS or
- Undergraduate degree in business, plus additional undergraduate CIS or MIS courses or
- Undergraduate degree, plus additional undergraduate business and CIS or MIS courses or
- Undergraduate degree, experience in CIS or MIS, plus additional undergraduate courses depending upon undergraduate degree

## MSIS Admission Requirements and Instructions

- A completed MSU Graduate School application submitted online is required; paper applications are not accepted. To access the online application, please visit: <https://catalog.minotstateu.edu/graduate/admission-requirements/>. The exception to this application is for readmission (available on the Graduate School website under Forms).
- Requirements and Instructions. Detailed admission requirements and instructions can be found at <https://catalog.minotstateu.edu/graduate/admission-requirements/>.
- In order for a student to pursue a graduate degree at MSU, the student must complete the formal online application for admission to the Graduate School and receive an official letter granting admission. Students are required to have a minimum undergraduate grade point average (GPA) of at least 2.75 (on a 4.0 scale) for admission consideration. A GPA of 3.00 or above for the last 60 hours of coursework will be considered if a student does not meet the 2.75 requirements. Students who do not meet either GPA requirement may appeal to the department chairperson for consideration.
- Statement of Purpose. An applicant must submit a concise (500-1500 words) essay describing his/her primary interest in the MSIS program, experiences related to the area of study, and objectives in pursuing the MSIS degree at MSU. In particular, the essay should be as specific as possible in describing the student's interests, and relevant educational, research, commercial, government, or teaching experiences. If applying for more than one program, submit a separate Statement of Purpose for each program.
- Applicants must earn an admission score of at least 400 to be considered. This score is calculated as follows:

Statement of Purpose score (total possible = 100 points) plus undergraduate GPA multiplied by 100 plus the number of years of professional level work experiences multiplied by 10 up to a maximum of 100 points). A resume must be submitted with evidence to support the number of years of professional experience.

**Required Courses**

BIT 557	Foundations of Information Assurance and Security	3
BIT 559	Systems Analysis	3
BIT 560	Manage/Integrate IS Function	3
BIT 561	IS Project Management	3
BIT 563	Database Systems and Application	3
BIT 565	Systems Design	3
BIT 566	Knowledge Management	3
BIT 570	E-Business Strategy	3
BIT 575	Business Network Systems Management	3
BIT 595	MSIS Capstone Project	3
<b>Total Hours</b>		<b>30</b>