The MIS graduate program is a STEM-designated business program. MIS is an applied business program that focuses on the areas of:

- Information systems
- Software development
- Computer system architectures
- Business intelligence and data analytics
- Information security
- Cloud management
- Related management issues

This program prepares students to practice and advance in positions such as:

- Systems analyst
- Business or data analyst
- Project leader or manager
- Technology manager
- Software developer
- System integrator
- System administrator
- Network administrator
- Consultant

Program curriculum includes specific foundation preparation, technology and management core courses, career track elective courses and a final examination. The MIS program offers transcriptable specializations in project management (four courses) and business analytics (six courses).

**Degrees Available at SIUE**

- Master of Science in Management and Information Systems (MIS)

**Program Format**

Courses in the MIS program are offered in flexible, evening/hybrid and online formats. Traditional classroom instruction is combined with online assignments, and courses meet one evening per week for seven weeks.

**Accreditation**

This program is accredited by the Association to Advance Collegiate Schools of Business (AACSB) International.

**Admission Requirements**

- Graduate School application and $40 fee
- Submission of all postsecondary academic transcripts
- A bachelor’s degree from an accredited college or university. The undergraduate major is typically in business. Individuals with other backgrounds who are interested in the program are invited to discuss their career objectives with the program director to determine if their goals are consistent with the objectives of their program.
- An undergraduate GPA of 2.5 or above on a 4.0 scale
- International Applicants: Proof of English Proficiency, minimum requirements are TOEFL (79), IELTS (6.5) or equivalent
- Submission of a Statement of Purpose, detailing the applicant’s background and career plans
- Personal history information
Admission Requirements Cont.
- Submission of Graduate Management Admission Test (GMAT) or Graduate Record Examination (GRE) scores, unless one of the following requirements is met, in which case eligible applicants can apply to waive the GMAT or GRE requirement. To apply to waive the GRE/GMAT requirement, applicants must contact CMISTestWaiverRequest@siue.edu to request the waiver. The decision to grant the GMAT/GRE waiver rests with the program director and the CMIS admissions committee.
- Applicants who hold a PhD, MD, LLM, DDS, DNP, EdD or the equivalent in a recognized field from an accredited program in an acceptable U.S. university
- Applicants holding a master’s degree, PharmD, or JD from an accredited program at an acceptable U.S. institution
- Applicants with a 3.2 or better GPA in undergraduate business degrees from AACSB-accredited business programs or a 3.2 or better GPA in undergraduate engineering degrees from ABET-accredited engineering programs
- Applicants with a 3.0 or higher GPA and a minimum of three years full-time professional work experience

Program admission materials may be uploaded during the application process, but official transcripts must be sent directly from the school attended, and test scores must be verifiable with the appropriate testing service. Please contact the Graduate Admissions office with questions regarding the application submission process at graduateadmissions@siue.edu.

Departmental Admission Process
- Administrative review of your admission packet
- Review by the MS MIS Graduate Committee

At minimum, students must have:
- An admission score of at least 1050, where admission score equals 200 times the four-year cumulative undergraduate GPA on a 4.0 scale, plus the GMAT score (or GRE equivalent score)
- A GMAT score of at least 500, with raw scores of at least 20 on the verbal portion and 25 on the quantitative portion, and an analytical writing score of at least 4.0; or GRE revised general test scores of at least 150 on verbal reasoning and 154 on quantitative reasoning, and an analytical writing score of at least 4.0
- Applicants with an undergraduate degree in a business discipline from an AACSB-accredited institution with an overall GPA of 3.5 or better on a 4.0 scale must meet the requirements for admission to the Graduate School, and have the option not to submit GMAT or GRE scores.

Admission decisions will be made by the MS MIS Graduate Committee on a rolling basis as applications are received.

Graduation Requirements
Students must enroll in CMIS 580 MS MIS Capstone course for three credits. Each graduation candidate must pass this capstone course, conducted by the faculty of the department. The MS MIS Capstone course will require candidates to demonstrate an appropriate standard of scholarship and to provide evidence of their ability to think critically, to apply knowledge gained through the program, to draw and defend conclusions, and to complete work in a creditable manner. The course will address topics covered in the MS MIS core courses, and may also examine candidates on knowledge and understanding of topics covered in elective courses they completed.

When do I sign up for the Capstone course?
All MS MIS Core courses and all Program Foundation courses / modules must be completed before you register for the Capstone course. To be eligible to register for CMIS 580 MS MIS Capstone, you must also be a graduate student in good standing at SIUE, which includes the requirement that your GPA be 3.0 or above.

What constitutes “passing” the MS MIS Capstone course?
A student must earn at least a B grade to pass the course and be eligible for graduation.

What if I don’t pass?
Any student who does not pass the Capstone course with a grade of B or higher will be required to undergo and pass a secondary assessment. This secondary assessment and the mode of delivery will be determined by the MS MIS program graduate faculty. Potential modes for such secondary assessments would include a written comprehensive exam or an oral comprehensive exam, or the student will be required to repeat the course.

Required Credit Hours/Tuition and Fees
- 30
- Visit siue.edu/graduate-tuition for detailed tuition information

Program of Study
The program requires 30 semester hours and consists of seven core courses and three elective courses. Foundation knowledge areas may be required depending on student credentials at the time of admittance. Foundation knowledge areas do not count towards graduation for the MS MIS degree. Students in the program must maintain a GPA of at least 3.0 on a 4.0 scale in all graduate courses. No credit is allowed toward degree completion for courses in which a grade below C (2.0) is earned.

Program Foundation Knowledge Areas
Students entering the program will need the background based on completed academic coursework in the past seven years as detailed below. Students lacking foundational coursework will be required to complete self-paced, asynchronous online modules in their first semester. For students requiring additional foundation in English language proficiency, an additional course may be required. The program foundation modules do not count towards completion of the MS in MIS.

Proficiency in:
- English language and writing skills
- Hardware and systems software
- Programming logic and language: C++, Visual Basic, Java, Python, or R
- Financial accounting

At the time of admission, the MS MIS Graduate Program Director will identify any required program foundation requirements. The required modules will be assigned, and students are expected to satisfy all assigned foundation modules in their first semester.

Computer Management and Information Systems Core (21 hours)
- (3) CMIS 526 Information Systems and Technology
- (3) CMIS 538 Managing the Cloud
- (3) CMIS 540 Project Management Fundamentals and Best Practices
- (3) CMIS 564 Database Design
- (3) CMIS 570 Software Systems Design
- (3) MBA 521 Quantitative Analysis
- (3) CMIS 580 MIS Capstone

Elective Courses (9 hours)
Elective courses enable students to add a specialized focus to their study of information systems. Examples of specialized focuses include, but are not limited to:
- Project Management
- Business Analytics
- Systems Design, Development and Implementation
- Database Administration and Database Programming
- Enterprise-Wide Information Systems (ERP)

A formal project management specialization may be completed by selecting electives that fulfill requirements for the specialization. A formal business analytics specialization may be completed by selecting electives that fulfill requirements for the specialization.

The MS MIS program director maintains the current list of approved electives. Students must submit a written request to the MS MIS program director for approval to deviate from the approved elective list.

Students not possessing prior professional work experience within the information systems field will be encouraged to select CMIS 587 Information Systems Internship as one of their electives. This is to ensure that students not possessing prior work experience are afforded the opportunity to practice learned skills in a supervised information technology environment prior to degree completion.

Contact Information
Management Information Systems
Phone: 618-650-5352 or 618-650-2506

siue.edu/mis

This information is concurrent with the 2022-2023 academic catalog. Courses are subject to change at any time.