

# INFORMATION SYSTEMS, M.S.

Offered through Saint Louis University's School for Professional Studies, students learn software development, analytics, evidence-based decision making, ethics, and leadership to provide the technical expertise and strategic decision making skills required of information systems professionals. Students join a diverse community of academics and practitioners from around the world which serve as a learning network of peers and experts. Students can also earn a graduate certificate that complements the master's degree, often without taking additional credits. This allows students to tailor the program to specific interests, such as analytics, cybersecurity and organizational leadership.

## Careers

This program prepares students for high-level jobs in technology, preparing graduates to manage information system installations and lead information technology departments in large companies.

## Admission Requirements

- An undergraduate degree from an accredited institution
- Most successful applicants have an undergraduate grade point average of 3.0 or better
- 2 or more years of work experience is recommended (full-time or part-time employment, internships, co-ops and similar experiences)

## Application Requirements

- Application form and fee
- Transcript(s)
- Three external reference evaluations
- Résumé
- An essay of about 500 words that describes:
  - What attracted you to this program?
  - How a master's degree in this field will benefit you in your present or future career?

## Requirements for International Students

- Demonstrate English language proficiency. Some examples of demonstrated English language proficiency include minimum score requirements for the following standardized tests:
  - Paper-based TOEFL: 550
  - Internet-based TOEFL: 80
  - IELTS: 6.5
  - PTE: 54
- Academic records, in English translation, of students who have undertaken postsecondary studies outside the United States must include the courses taken and/or lectures attended, practical laboratory work, the maximum and minimum grades attainable, the grades earned or the results of all end-of-term examinations, and any honors or degrees received. WES and ECE transcripts are accepted.

- Proof of financial support, which must include:
  - A letter of financial support from the person(s) or sponsoring agency funding the time at Saint Louis University
  - A letter from the sponsor's bank verifying that the funds are available and will be so for the duration of study at the University

## Application and Assistantship Deadlines

Students should apply for the fall semester by July 1 and for the spring semester by Nov. 1.

The application deadlines for international students are: May 15 (fall), October 1 (spring) and February 1 (summer).

Students seeking assistantships should apply by Feb. 1.

## Review Process

Applications are reviewed by a committee of School for Professional Studies faculty members.

## Scholarships and Financial Aid

For priority consideration for graduate assistantship, applicants should complete their applications by February 1.

For more information, visit the Office of Student Financial Services online at [slu.edu/financial-aid](http://slu.edu/financial-aid).

## Learning Outcomes

1. Graduates will be able to apply program-specific knowledge to address practical problems using an ethical, evidence-based framework.
2. Graduates will be able to utilize argumentation skills appropriate for a given problem or context.
3. Graduates will be able to analyze business problems and implement information technology assets that supportive goals of the organization.
4. Graduates will be able to generate (develop) the strategic vision and direction for an information systems organization.

## Requirements

### Graduate Core Courses

#### SPS Graduate Core (9 credits)

ORLD 5050	Ethical, Evidence-Based Decision Making
AA 5211	Applied Analytics and Methods I
IS 5961-5963	Information Systems Master's Research Project (MRP)

#### Information Systems Core (15 credits)

IS 5000	Enterprise Architecture and Systems Infrastructure
IS5100	IS Strategy and Management
IS5200	Software Development
IS5300	Ethical and Societal Implications of Technology
AA5100	Information Retrieval

#### Information Systems Management Concentration #1 (9 credits)

PMGT 5210	Managerial Economics & Finance
ORLD 5450	Leading Organizational Change (assessed in ORLD program)
IS 5400	Managing a Secure Enterprise

#### Information Systems Development #2 (9 credits)

IS 5500	Advanced Software Development
IS 5600	Mobile and Web Application Development
AA 5200	Information Visualization and Presentation (assessed in AA program)

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Students must maintain a cumulative grade point average (GPA) of 3.00 in all graduate/professional courses.

### Graduate Core Courses

ORLD 5050	Ethical, Evidence-Based Decision Making
AA 5221	Applied Analytics & Methods I
IS 5961-5963	Information Systems Master's Research Project (MRP)

## Contact Information

Learn more and apply for admission at [slu.edu/globalgrad](http://slu.edu/globalgrad).  
Contact us at [globalgrad@slu.edu](mailto:globalgrad@slu.edu) with any questions.