

# INFORMATION SYSTEMS, M.S.

With a Master of Science in Information Systems offered through Saint Louis University's School for Professional Studies, you'll gain the skills in software development, analytics, evidence-based decision making, ethics and leadership needed to provide technical expertise and strategic decision-making as an information systems professional.

Along the way, you'll learn from a network of diverse peers from around the world, merging technology with human and organizational structures as you engage in knowledge discovery, management, and dissemination of industry-critical knowledge.

You can also earn a graduate certificate that complements a master's degree, often without taking additional credits, allowing you to tailor the program to your specific interests.

As part of the School for Professional Studies, this 33-credit master's program offers data-driven professionals like you a flexible option to meet your personal career goals. With multiple start terms, you can begin the master's program in the fall or spring. You will join a community of academics and practitioners from a wide range of subjects and professional backgrounds, providing you the opportunity to learn from a network of peers.

The 100% Online program offers flexible courses in eight-week terms, making advanced education more accessible for working professionals.

The on-campus version of this program, created so that international students can meet their visa requirements, is also offered in flexible eight-week terms.

## Faculty

As a student in the School for Professional Studies at Saint Louis University, you'll learn from exceptional faculty who are leading experts in their fields. They bring real-world knowledge to the classroom and are dedicated to your professional success. Learn more on our faculty page (<https://www.slu.edu/professional-studies/contact-us/faculty/>).

## Careers

SLU's Master of Science in Information Science can prepare you for high-level jobs in technology, managing information system installations and leading information technology departments in large companies.

## Tuition

Tuition	Total Program Cost
<b>On-Ground</b> MS Analytics, MS Cybersecurity, MS Information Systems, Master of Professional Studies, MS Project Management	\$36,000

Tuition	Cost Per Credit
<b>Online</b> Graduate Degrees and Post-Baccalaureate Certificates	\$790

Additional charges may apply. Other resources are listed below:

Net Price Calculator (<https://www.slu.edu/financial-aid/tuition-and-costs/calculator.php>)

Information on Tuition and Fees (<https://catalog.slu.edu/academic-policies/student-financial-services/tuition/>)

Miscellaneous Fees (<https://catalog.slu.edu/academic-policies/student-financial-services/fees/>)

Information on Summer Tuition (<https://catalog.slu.edu/academic-policies/student-financial-services/tuition-summer/>)

## Scholarships and Financial Aid

For priority consideration for graduate assistantship, apply by Feb. 1.

For more information, visit the student financial services office online at <https://www.slu.edu/financial-aid/index.php> (<https://www.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 support the goals of the organization.
4. Graduates will be able to generate (develop) the strategic vision and direction for an information systems organization.

## Requirements

### Admission Requirements

- Completed application
- Undergraduate degree (most successful applicants have an undergraduate grade point average of 3.0 or better)
- Official transcript from a degree-granting institution
- Statement of purpose (about 500 words)
- Resume or curriculum vitae
- External reference recommendations (encouraged but not required)

Upon admission, a new online student\* must successfully complete a virtual meeting with their academic coach to be enrolled in first term coursework.

\* This is for 100% online students only. International on-campus graduate students will meet their academic coach at on-campus orientation.

### Requirements for International Students

All admission policies and requirements for domestic students apply to international students along with the following:

- Applicants must 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.

Apply Now (<http://www.slu.edu/apply.php>)

## Program Requirements

Code	Title	Credits
<b>Required SPS Graduate Courses</b>		
AA 5221	Applied Analytics & Methods I	3
ORLD 5050	Ethical, Evidence-Based Decision Making	3
<b>Information Systems</b>		
AA 5100	Information Retrieval	3
IS 5000	Enterprise Architecture and Systems Infrastructure	3
IS 5100	Information Systems Strategy and Management	3
IS 5200	Software Development	3
IS 5400	Managing a Secure Enterprise	3
IS 5961 & IS 5962 & IS 5963	Information Systems Master's Project I and Information Systems Master's Project II and Information Systems Master's Project III	3
<b>Information Systems Development</b>		
AA 5200	Visualization, Feedback and Dissemination	3
IS 5500	Advanced Software Development	3
IS 5600	Mobile and Web Application Development	3
<b>Total Credits</b>		<b>33</b>

## Continuation Standards

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

## Roadmap

Roadmaps are recommended semester-by-semester plans of study for programs and assume full-time enrollment unless otherwise noted.

Courses and milestones designated as critical (marked with !) must be completed in the semester listed to ensure a timely graduation. Transfer credit may change the roadmap.

This roadmap should not be used in the place of regular academic advising appointments. All students are encouraged to meet with their advisor/mentor each semester. Requirements, course availability and sequencing are subject to change.

## 100% Online Roadmap

Course	Title	Credits
<b>Year One</b>		
<b>Fall</b>		
<b>Fall 1</b>		
IS 5000	Enterprise Architecture and Systems Infrastructure	3
<b>Fall 2</b>		
AA 5221	Applied Analytics & Methods I	3
<b>Credits</b>		<b>6</b>

### Spring

<b>Spring 1</b>		
IS 5100	Information Systems Strategy and Management	3

<b>Spring 2</b>		
ORLD 5050	Ethical, Evidence-Based Decision Making	3
<b>Credits</b>		<b>6</b>

### Year Two

<b>Fall</b>		
<b>Fall 1</b>		

IS 5200	Software Development	3
IS 5961	Masters Research Project I	1

<b>Fall 2</b>		
IS 5400	Managing a Secure Enterprise	3
<b>Credits</b>		<b>7</b>

### Spring

<b>Spring 1</b>		
AA 5100	Information Retrieval	3
IS 5962	Masters Research Project II	1

<b>Spring 2</b>		
IS 5500	Advanced Software Development	3
<b>Credits</b>		<b>7</b>

### Year Three

<b>Fall</b>		
<b>Fall 1</b>		

IS 5963	Masters Research Project III	1
IS 5600	Mobile and Web Application Development	3

<b>Fall 2</b>		
AA 5200	Visualization, Feedback and Dissemination	3
<b>Credits</b>		<b>7</b>

**Total Credits 33**

## On-Campus Roadmap

Course	Title	Credits
<b>Year One</b>		
<b>Fall</b>		
<b>Fall 1</b>		
IS 5000	Enterprise Architecture and Systems Infrastructure	3
<b>Fall 2</b>		
IS 5100	Information Systems Strategy and Management	3
IS 5200	Software Development	3
<b>Credits</b>		<b>9</b>

### Spring

<b>Spring1</b>		
IS 5400	Managing a Secure Enterprise	3
AA 5100	Information Retrieval	3

<b>Spring 2</b>		
IS 5500	Advanced Software Development	3
ORLD 5050	Ethical, Evidence-Based Decision Making	3

IS 5961	Masters Research Project I	1
<b>Credits</b>		<b>13</b>
<b>Year Two</b>		
<b>Fall</b>		
<b>Fall 1</b>		
AA 5200	Visualization, Feedback and Dissemination	3
AA 5221	Applied Analytics & Methods I	3
IS 5962	Masters Research Project II	1
<b>Fall 2</b>		
IS 5600	Mobile and Web Application Development	3
IS 5963	Masters Research Project III	1
<b>Credits</b>		<b>11</b>
<b>Total Credits</b>		<b>33</b>