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 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 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 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 about the SPS faculty (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
On-Ground MS Analytics, MS Cybersecurity, MS Information Systems, Master of Professional Studies, MS Project Management	$42,000

Tuition	Cost Per Credit
Online 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 Office of Student Financial Services (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 post-secondary 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 (https://www.slu.edu/apply.php)

Program Requirements

Code	Title	Credits
Required SPS Graduate Courses		
AA 5221	Applied Analytics & Methods I *	3
ORLD 5050	Ethical, Evidence-Based Decision Making	3
Foundation Courses		
AA 5050	Programming & Problem Solving	3
AA 5100	Information Retrieval ‡	3
IS 5000	Enterprise Architecture and Systems Infrastructure	3
IS 5500	Advanced Software Development	3
IS 5600	Mobile and Web Application Development	3
Electives or Post-Baccalaureate Certificate		**9**
Three courses, 9 credits, of electives can be taken from the following courses or as part of one of the following PBCs		
AA 5200	Visualization, Feedback and Dissemination	
CYBR 5240	Cloud Security	
IS 5700	Information Systems Consulting	
IS 5100	Information Systems Strategy and Management	
IS 5400	Managing a Secure Enterprise	
IS 5800	Cloud Computing	
IS 5850	Advanced Cloud Computing Architectures and Applications	
Cloud Computing, Post-Baccalaureate Certificate (https://catalog.slu.edu/colleges-schools/professional-studies/cloud-computing-pbc/)		
Information Systems Consulting, Post-Baccalaureate Certificate (https://catalog.slu.edu/colleges-schools/professional-studies/information-systems-consulting-pbc/)		
Master's Project		**3**
IS 5960	Masters Research Project	
Total Credits		**33**

† Former computer science students may substitute CSCI 5030 Principles of Software Development (3 cr) for IS 5200 and former health data sciences students may substitute HDS 5210 Programming for Health Data Scientists (3 cr) for IS 5200 Software Development (3 cr)

‡ Former computer science students may substitute CSCI 5710 Databases (3 cr) for AA 5100 Information Retrieval (3 cr) and former business students may substitute ITM 6550 Big Data in Organizations (3 cr) for AA 5100 Information Retrieval (3 cr)

§ Former business students may substitute ITM 6000 Managing Information Technology (3 cr) for IS 5100 Information Systems Strategy and Management (3 cr)

* Former business students may substitute OPM 5020 Applied Business Statistics (3 cr) for AA 5221 Applied Analytics & Methods I (3 cr)

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.

Fall Entry

Course	Title	Credits
Year One		
Fall		
Fall 1		
IS 5000	Enterprise Architecture and Systems Infrastructure	3
Fall 2		
AA 5100	Information Retrieval	3
	Credits	**6**
Spring		
Spring 1		
IS 5500	Advanced Software Development	3
AA 5221	Applied Analytics & Methods I	3
Spring 2		
IS 5600	Mobile and Web Application Development	3
ORLD 5050	Ethical, Evidence-Based Decision Making	3
	Credits	**12**
Summer		
Elective		3
	Credits	**3**
Year Two		
Fall		
Fall 1		
Elective		3
AA 5050	Programming & Problem Solving	3
Fall 2		
Elective		3
	Credits	**9**
Spring		
Spring 1		
IS 5960	Masters Research Project	3
	Credits	**3**
	Total Credits	**33**

Spring Entry

Course	Title	Credits
Year One		
Spring		
Spring1		
IS 5000	Enterprise Architecture and Systems Infrastructure	3
AA 5050	Programming & Problem Solving	3
Spring 2		
IS 5100	Information Systems Strategy and Management	3
	Credits	**9**
Summer		
Elective		3
	Credits	**3**
Fall		
Fall 1		
IS 5500	Advanced Software Development	3
AA 5221	Applied Analytics & Methods I	3
Fall 2		
IS 5600	Mobile and Web Application Development	3
ORLD 5050	Ethical, Evidence-Based Decision Making	3
	Credits	**12**
Year Two		
Spring		
Spring 1		
Elective		3
Spring 2		
Elective		3
	Credits	**6**
Summer		
IS 5960	Masters Research Project	3
	Credits	**3**
	Total Credits	**33**