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.

An additional unique advantage of the program includes the option to earn certificates in several areas, including project management, analytics and organizational leadership.

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. All courses are offered in online and hybrid formats in eight-week terms, making advanced education more accessible for working professionals. You will join a community of academics and practitioners from a wide range of academic and professional backgrounds, providing you the opportunity to learn from a network of peers.

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.

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 student must successfully complete a virtual meeting with their academic coach to be enrolled in first term coursework.

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td>SPS Graduate Core</td>
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</tr>
<tr>
<td>AA 5221</td>
<td>Applied Analytics &amp; Methods I</td>
<td>3</td>
</tr>
<tr>
<td>ORLD 5050</td>
<td>Ethical, Evidence-Based Decision Making</td>
<td>3</td>
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<tr>
<td></td>
<td>Information Systems Core</td>
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<tr>
<td>AA 5100</td>
<td>Information Retrieval</td>
<td>3</td>
</tr>
<tr>
<td>IS 5000</td>
<td>Enterprise Architecture and Systems Infrastructure</td>
<td>3</td>
</tr>
<tr>
<td>IS 5100</td>
<td>Information Systems Strategy and Management</td>
<td>3</td>
</tr>
<tr>
<td>IS 5200</td>
<td>Software Development</td>
<td>3</td>
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<tr>
<td>IS 5300</td>
<td>Ethical and Societal Implications of Technology</td>
<td>3</td>
</tr>
<tr>
<td>IS 5961</td>
<td>Masters Research Project I</td>
<td>3</td>
</tr>
<tr>
<td>IS 5962</td>
<td>Masters Research Project II</td>
<td>3</td>
</tr>
<tr>
<td>IS 5963</td>
<td>Masters Research Project III</td>
<td>3</td>
</tr>
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<td></td>
<td>Select one of the Concentrations below:</td>
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<tr>
<td></td>
<td>Information Systems Management Concentration</td>
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<tr>
<td>IS 5400</td>
<td>Managing a Secure Enterprise</td>
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<tr>
<td>ORLD 5450</td>
<td>Leading Organizational Change</td>
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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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PMGT 5210</td>
<td>Managerial Economics and Finance</td>
<td>3</td>
</tr>
<tr>
<td><strong>Information Systems Development Concentration</strong></td>
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<tr>
<td>AA 5200</td>
<td>Visualization, Feedback and Dissemination</td>
<td></td>
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<tr>
<td>IS 5500</td>
<td>Advanced Software Development</td>
<td></td>
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<tr>
<td>IS 5600</td>
<td>Mobile and Web Application Development</td>
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<tr>
<td><strong>Total Credits</strong></td>
<td></td>
<td><strong>33</strong></td>
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Year One

Fall

Fall 1
- IS 5000 Enterprise Architecture and Systems Infrastructure 3

Fall 2
- AA 5221 Applied Analytics & Methods I 3
- **Credits** 6

Spring

Spring 1
- IS 5100 Information Systems Strategy and Management 3

Spring 2
- ORLD 5050 Ethical, Evidence-Based Decision Making 3
- **Credits** 6

Year Two

Fall

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

Fall 2
- IS 5300 Ethical and Societal Implications of Technology 3
- **Credits** 7

Spring

Spring 1
- AA 5100 Information Retrieval 3
- IS 5962 Masters Research Project II 1
- **Credits** 4-7

Year Three

Fall

Fall 1
- ORLD 5450 or IS 5500 Leading Organizational Change or Advanced Software Development 0-3
- IS 5963 Masters Research Project III 1

Fall 2
- PMGT 5210 or IS 5600 Managerial Economics and Finance or Mobile and Web Application Development 3
- **Credits** 4-7
- **Total Credits** 30-33