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

<table>
<thead>
<tr>
<th>Tuition</th>
<th>Total Program Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-Ground MS Analytics, MS Cybersecurity, MS Information Systems, MA Leadership &amp; Org Development, MS Project Management, MS Strategic Intelligence</td>
<td>$36,000</td>
</tr>
</tbody>
</table>

Additional charges may apply. Other resources are listed below:

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

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](http://www.slu.edu/apply.php))

### Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Required SPS Graduate Courses</strong></td>
<td></td>
</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>
</tr>
<tr>
<td></td>
<td><strong>Information Systems</strong></td>
<td></td>
</tr>
<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>
</tr>
<tr>
<td>IS 5400</td>
<td>Managing a Secure Enterprise</td>
<td>3</td>
</tr>
<tr>
<td>IS 5961</td>
<td>Information Systems Master’s Project I</td>
<td>3</td>
</tr>
<tr>
<td>&amp; IS 5962</td>
<td>and Information Systems Master’s Project II</td>
<td>3</td>
</tr>
<tr>
<td>&amp; IS 5963</td>
<td>and Information Systems Master’s Project III</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Information Systems Development</strong></td>
<td></td>
</tr>
<tr>
<td>AA 5200</td>
<td>Visualization, Feedback and Dissemination</td>
<td>3</td>
</tr>
<tr>
<td>IS 5500</td>
<td>Advanced Software Development</td>
<td>3</td>
</tr>
<tr>
<td>IS 5600</td>
<td>Mobile and Web Application Development</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td>33</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year One</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall 1</td>
<td>IS 5000</td>
<td>Enterprise Architecture and Systems Infrastructure</td>
</tr>
<tr>
<td>Fall 2</td>
<td>AA 5221</td>
<td>Applied Analytics &amp; Methods I</td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
<td>6</td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring 1</td>
<td>IS 5100</td>
<td>Information Systems Strategy and Management</td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Year Two</strong></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall 1</td>
<td>IS 5200</td>
<td>Software Development</td>
</tr>
<tr>
<td>Fall 2</td>
<td>IS 5400</td>
<td>Managing a Secure Enterprise</td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
<td>6</td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring 1</td>
<td>IS 5100</td>
<td>Information Systems Strategy and Management</td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Year Three</strong></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall 1</td>
<td>IS 5963</td>
<td>Masters Research Project III</td>
</tr>
<tr>
<td>Fall 2</td>
<td>IS 5600</td>
<td>Mobile and Web Application Development</td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
<td>7</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td>33</td>
</tr>
</tbody>
</table>

### On-Campus Roadmap

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year One</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall 1</td>
<td>IS 5000</td>
<td>Enterprise Architecture and Systems Infrastructure</td>
</tr>
<tr>
<td>Fall 2</td>
<td>IS 5100</td>
<td>Information Systems Strategy and Management</td>
</tr>
<tr>
<td>IS 5200</td>
<td>Software Development</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
<td>9</td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring 1</td>
<td>IS 5400</td>
<td>Managing a Secure Enterprise</td>
</tr>
<tr>
<td></td>
<td>IS 5100</td>
<td>Information Retrieval</td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
<td>6</td>
</tr>
<tr>
<td></td>
<td><strong>Year Two</strong></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall 1</td>
<td>IS 5500</td>
<td>Advanced Software Development</td>
</tr>
<tr>
<td>Fall 2</td>
<td>ORLD 5050</td>
<td>Ethical, Evidence-Based Decision Making</td>
</tr>
<tr>
<td></td>
<td>IS 5961</td>
<td>Masters Research Project I</td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
<td>13</td>
</tr>
<tr>
<td>Course</td>
<td>Title</td>
<td>Credits</td>
</tr>
<tr>
<td>---------</td>
<td>--------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>AA 5200</td>
<td>Visualization, Feedback and Dissemination</td>
<td>3</td>
</tr>
<tr>
<td>AA 5221</td>
<td>Applied Analytics &amp; Methods I</td>
<td>3</td>
</tr>
<tr>
<td>IS 5962</td>
<td>Masters Research Project II</td>
<td>1</td>
</tr>
<tr>
<td>IS 5600</td>
<td>Mobile and Web Application Development</td>
<td>3</td>
</tr>
<tr>
<td>IS 5963</td>
<td>Masters Research Project III</td>
<td>1</td>
</tr>
</tbody>
</table>

**Credits:** 11

**Total Credits:** 33