TECHNOLOGY LEADERSHIP, M.S.

The Master of Science in Technology Leadership at Saint Louis University is a 30-credit-hour online graduate program designed for professionals leading work in environments increasingly shaped by artificial intelligence, data and digital systems. The program prepares students to lead effectively at the intersection of technology, people and organizational systems, where decisions about tools, data and automation carry real implications for performance, ethics and work design.

Offered through SLU's School for Professional Studies in St. Louis, Missouri, the program focuses on the leadership capabilities required to guide technology initiatives, lead digital transformation, align digital tools with organizational goals and translate technical insight into responsible organizational action. Rather than preparing students to become technologists, the program emphasizes how leaders leverage and work with technology — including AI and advanced digital tools — to support decision-making, collaboration and organizational effectiveness.

Tailor Your Expertise: A Deliberate, Stackable Structure

The curriculum is delivered in accelerated eight-week terms and is built around a deliberate stackable structure, allowing students to complete graduate-level professional certificates that apply directly toward the M.S. degree. This design enables students to build valuable credentials incrementally, tailor learning to specific technology leadership interests, and progress toward the full degree at a pace that fits their professional and personal commitments.

Students develop applied skills in technology-informed leadership, systems thinking, cross-functional collaboration, ethical and responsible use of emerging technologies (including AI), and leading change in technology-enabled environments. Learning is grounded in real organizational contexts and supported through applied projects, structured reflection and problem-focused coursework.

High-Impact Leadership for Modern Organizations

The program is well-suited for professionals who work alongside advanced technologies, manage or collaborate with technical teams, or lead initiatives involving data, automation, or digital platforms. A formal technical background is not required; the focus is on leading effectively in technology-enabled organizations, not on coding or system design.

SLU is consistently recognized as a strong national university, and the program's applied, interdisciplinary foundation prepares graduates to lead in business, nonprofit, health care, education, government and technology-driven organizations. With a flexible online format, experienced faculty and stackable credentials embedded within the degree, the program offers a practical pathway for professionals seeking to strengthen their leadership capacity in technology-intensive environments.

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 30-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.

Some SPS programs are also offered in on-campus versions, created so that international students can meet their visa requirements.

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

Graduates of SLU's Master of Science in Technology Leadership work in roles where they are expected to guide technology-enabled initiatives, manage complex technology programs and systems, and support effective decision-making in organizational settings shaped by advanced digital tools. They are prepared to bridge technical and non-technical perspectives, translate data and systems insight into action, and balance innovation with ethical and human considerations.

SLU graduates work in technology leadership and technology-adjacent roles across virtually every industry, including business, nonprofit, health care, education, government and technology-enabled organizations.

That preparation is reflected in roles such as:

- Technology or digital transformation manager or technology program manager
- Program or project manager (technology-focused)
- Product, systems or platform manager
- IT or information systems manager
- Data-informed operations or strategy manager
- Technology or information systems consultant (internal or external)
- Technology strategy, systems or process improvement consultant
- Internal technology advisor or change consultant
- Technology or innovation lead
- Business–technology liaison or analyst
- Director or senior director overseeing technology-enabled functions
- Chief of staff (technology, operations or strategy-focused)
- Executive roles responsible for technology-enabled strategy and operations

Students leave the program with a flexible, stackable leadership toolkit they can apply immediately in technology-intensive roles and continue to refine as tools, systems and organizational expectations evolve.

Whether leading digital initiatives, coordinating across technical and non-technical teams, or shaping how technology is governed and used within organizations, SLU graduates are equipped to contribute thoughtfully, ethically, and effectively in contemporary and AI-driven organizations.

Tuition

Tuition	Cost Per Credit
Online Graduate Degrees and Post-Baccalaureate Certificates	$810

Additional charges may apply. Other resources are listed below:

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-current/)

Learning Outcomes

1. Graduates will be able to apply leadership competencies within technology-specific contexts.
2. Graduates will be able to apply technological competencies to support the goals of their organization.
3. Graduates will be able to apply program-specific knowledge to address practical problems using an ethical, evidence-based framework.
4. Graduates will be able to utilize argumentation skills appropriate for a given problem or context.

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.

Program Requirements

Code	Title	Credits
SPS Graduate Core Courses		
ORLD 5050	Ethical, Evidence-Based Decision Making	3
AA 5221	Applied Analytics & Methods I	3
Leadership Course Requirements		
ORLD 5010	Contemporary Organizational Leadership	3
ORLD 5350	Team Leadership	3
ORLD 5450	Leading Organizational Change	3
or ORLD 5150	Talent Mgmt & Development	
or ORLD 5250	Leading a Healthy Organization	
or ORLD 5650	Future-Focused Leadership	
Technology Course Requirements		
IS 5000	Enterprise Architecture and Systems Infrastructure	3
or AA 5760	AI Integration Strategy and Implementation	
Student must choose from one of the following Post-Baccalaureate Certificates:		9
Cloud Computing, Post-Baccalaureate Certificate (https://catalog.slu.edu/colleges-schools/professional-studies/cloud-computing-pbc/)		
Applied AI and Decision Analytics, Post-Baccalaureate Certificate (https://catalog.slu.edu/colleges-schools/professional-studies/applied-ai-decision-analytics-pbc/)		
AI-Driven Software Development, Post-Baccalaureate Certificate (https://catalog.slu.edu/colleges-schools/professional-studies/ai-drive-software-development-pbc/)		
Cybersecurity, Post-Baccalaureate Certificate (https://catalog.slu.edu/colleges-schools/professional-studies/cybersecurity-pb-cert/)		
Information Systems Consulting, Post-Baccalaureate Certificate (https://catalog.slu.edu/colleges-schools/professional-studies/information-systems-consulting-pbc/)		
Information Systems, Post-Baccalaureate Certificate (https://catalog.slu.edu/colleges-schools/professional-studies/information-systems-pbc/)		
Master's Project		
ORLD 5965	Master's Research Project	3
Total Credits		**30**

Roadmap

This roadmap is just one example of a semester-by-semester plan of study for this program. There are other plans students can and do take. The plan of study for each particular student is established in

consultation with each student's academic advisor; *this roadmap does not replace academic advising appointments.*

Roadmap notes:

- This Roadmap assumes full-time enrollment unless otherwise noted.
- Courses/Milestones marked with an "!" are critical and must be completed in the semester listed in the Roadmap to ensure a timely graduation.
- Course availability and sequencing are subject to change.

Course	Title	Credits
Year One		
Fall		
Fall 1		
ORLD 5010	Contemporary Organizational Leadership	3
Fall 2		
ORLD 5050	Ethical, Evidence-Based Decision Making	3
	Credits	**6**
Spring		
Spring 1		
IS 5000	Enterprise Architecture and Systems Infrastructure	3
Spring 2		
Certificate Course		3
	Credits	**6**
Summer		
ORLD 5350	Team Leadership	3
	Credits	**3**
Year Two		
Fall		
Fall 1		
AA 5221	Applied Analytics & Methods I	3
Fall 2		
Certificate Course		3
	Credits	**6**
Spring		
ORLD 5965	Master's Research Project	3
Spring 2		
ORLD 5450 or ORLD 5150 or ORLD 5250 or ORLD 5650	Leading Organizational Change or Talent Mgmt & Development or Leading a Healthy Organization or Future-Focused Leadership	3
	Credits	**6**
Summer		
Certificate Course		3
	Credits	**3**
	Total Credits	**30**

Contact Us

Apply for Admission (https://www.slu.edu/professional-studies/becoming-a-student/)

For additional admission questions, please call 314-977-2330 or email sps@slu.edu.