



SAINT LOUIS
UNIVERSITY™

ARTIFICIAL INTELLIGENCE

GRADUATE PROGRAM AND PATHWAY

NON-BACKGROUND TRACK AVAILABLE



WE'RE HONORED

#105 National University
(U.S. News & World Report 2025)

#46 Best Value Schools
(U.S. News & World Report 2025)

Saint Louis University's master's program in artificial intelligence prepares students to apply artificial intelligence methods, both efficiently and ethically, in order to solve difficult problems and impact the well-being of society.

WHY STUDY ARTIFICIAL INTELLIGENCE AT SLU?

ABOUT THE PROGRAM

This graduate program provides students with depth of knowledge regarding the models and technologies used to make advances in underlying artificial intelligence and machine learning and, through a partnership with faculty across the university, students may choose to apply these techniques in specialized areas of application such as autonomous systems, bioinformatics, data science, health outcomes, image processing, and natural language processing.

PROGRAM GOALS

- Students explore both the theory of Artificial Intelligence and Machine Learning and the application of AI/ML technologies in practice.
- Students explore the impact of AI on society, implicit bias that may result from AI systems, and the ethical development and deployment of AI technologies.

NOTABLE RESEARCH

SLU is a premier research university where students and faculty work side-by-side to tackle tough questions and find solutions that impact communities in St. Louis and globally. At SLU, research opportunities drive graduate education, and many graduate students have a close relationship with a faculty mentor to guide their studies.



LEARN MORE ABOUT THE PROGRAM: [CS.SLU.EDU/ACADEMICS](https://cs.slu.edu/academics)



SLU for STEM



STEM

Program is eligible for 3 year OPT extension



PROGRAM highlights

GRADUATE FAST. FINISH IN 1-1.5 YEARS

GRE/GMAT NOT REQUIRED

30 CREDIT HOUR PROGRAM*

ON-CAMPUS JOBS / CPT / OPT AVAILABLE

SCHOLARSHIPS AVAILABLE

* Additional coursework for non-background option

NON-BACKGROUND TRACK

Earn a master's degree in Computer Science without a background in CS or related field.

Program includes courses, at no additional tuition fee expense, that prepare non-background students for graduate-level success.

Students from STEM degree programs are eligible.

Available via Graduate Pathway and Direct Entry.



BEST JOBS IN USA

Careers related to computer science are routinely found on various "best jobs" lists.

50 Best Jobs in America List:

10 of the 20 "Top Jobs" in USA are computing careers.

SLU'S LOCATION CONNECTS you TO CAREERS IN ARTIFICIAL INTELLIGENCE

Employers in St. Louis who show great interest in computer science students include Boeing, Centene, Citi, Deloitte, Enterprise, Express Scripts, KPMG, Maritz, MasterCard, Microsoft, Monsanto, and World Wide Technologies.

83,440

STEM EMPLOYEES IN THE ST. LOUIS AREA

-BLS.gov

No. 1

CITY IN USA TO
LAUNCH YOUR CAREER
- BANKRATE, 2023

15

FORTUNE 500 & 1000
COMPANIES
- FORTUNE, 2024

Top 10

BEST US CITIES
FOR JOBS
- GLASSDOOR, 2023



GRADUATE CAREER-READY

\$127,986

Median salary for artificial intelligence in the US

- Coursera.org

843

EMPLOYERS FROM AROUND THE U.S.
RECRUITED AT SLU LAST YEAR

92%

OF RECENT SLU ALUMNI ARE SATISFIED
WITH THEIR POST-GRADUATION PATH

From SLU's location in the Midtown area of St. Louis, our students have access to a strong technology community, operations of many Fortune 500 companies and a vibrant startup community. This provides outstanding opportunities for summer internships, part-time work during the academic year and jobs after graduation.

ADMISSIONS REQUIREMENTS

GRE/GMAT NOT REQUIRED

	Entry Requirements	Language Requirements	Credits to Degree	Program Information
Direct Entry *Fall, Spring, and Summer Starts	- Undergraduate degree in STEM field* 3.0 GPA on 4.0 scale ** - Resume - Statement of professional goals - GRE scores (optional) 1 letter of recommendation	- TOEFL iBT 80 or - IELTS 6.5 or - PTEA 54 or - Duolingo 110+	30 credit hour program*	Pathway Progression Requirements - Minimum 3.0 cumulative SLU GPA - Successful completion of Pathway Portfolio - Grade of B or better in all classes counting toward major - No C-/D/F/W/I/P/NP/S/U grades
1-Semester Pathway *Fall and Spring Start	- Undergraduate degree in STEM field* 2.75 GPA on 4.0 scale - Personal statement (optional) - Letters of recommendation (optional) - GRE scores (optional)	- TOEFL 75 (17 subscores in reading and writing) or - IELTS 6.0 (6.0 subscores in reading and writing) or - PTEA 50 or - Duolingo 105	30 credit hour program* 6 credit hours apply from Pathway* 24 credit hours remaining toward degree*	Notes *If degree does not include Introduction to Programming, Data Structures, ObjectOriented Design, Algorithms, Operating Systems, Calculus I, Calculus II, Statistics, and a substantial course in discrete mathematics, additional coursework may be required and does not apply to 33 credit hours required for degree. Grade of B or better required in all prerequisite courses. Prior work experience will be considered.
2-Semester Pathway *Fall and Spring Start	- Undergraduate degree in STEM field* 2.75 GPA on 4.0 scale - Personal statement (optional) - Letters of recommendation (optional) - GRE scores (optional)	- TOEFL iBT 70 (13 subscores in reading and writing) or - IELTS 5.5 (5.5 subscores in reading and writing) or - PTEA 48 or - Duolingo 95 - Completion of Academic English Level 5	30 credit hour program* 12 credit hours apply from Pathway* 18 credit hours remaining toward degree*	

**Visit SLU.edu for most updated Direct Entry requirements for admission.

COURSES IN THE PATHWAY

1-SEMESTER PATHWAY

EAP 4100 ADVANCED READING AND WRITING AS RESEARCHERS
EAP 4250 LISTENING AND SPEAKING FOR INTERNATIONAL GRAD STUDENTS II
CSCI 5740* INTRODUCTION TO ARTIFICIAL INTELLIGENCE*
CSCI 5750* INTRODUCTION TO MACHINE LEARNING*

2-SEMESTER PATHWAY

SEMESTER 1

EAP 4100 GRADUATE READING AND WRITING AS RESEARCHERS
EAP 4150 LISTENING AND SPEAKING FOR INTERNATIONAL GRAD STUDENTS I
CSCI 5740* INTRODUCTION TO ARTIFICIAL INTELLIGENCE*
CSCI 5750* INTRODUCTION TO MACHINE LEARNING*

SEMESTER 2

EAP 4200 ADVANCED READING AND WRITING AS RESEARCHERS
EAP 4250 LISTENING AND SPEAKING FOR INTERNATIONAL GRAD STUDENTS II
CSCI 5XXX* ARTIFICIAL INTELLIGENCE FOUNDATIONS COURSE*
CSCI 5XXX* ARTIFICIAL INTELLIGENCE APPLICATIONS COURSE*

SAMPLE COURSES AFTER PATHWAY

ECE 5226 MOBILE ROBOTICS
CSCI 5780 DEEP LEARNING
CSCI 5570 MACHINE LEARNING FOR NETWORKS

Complete degree curriculum and roadmap available at SLU.EDU



THE INTO SLU Advantage

INTO SLU's Pathway programs are ideal for international students who need additional English language and academic preparation before continuing to a degree program at Saint Louis University.

-  Integration with American and international students
-  Full access to all university facilities
-  Dedicated academic advisor
-  Facilitate transition to the university
-  Small class sizes



APPLY ONLINE

STUDENTS: WWW.INTOSTUDY.COM/SLU

COUNSELORS: PARTNERPORTAL.INTOGLOBAL.COM/SLU

