

# ARTIFICIAL INTELLIGENCE GRADUATE PATHWAY

Saint Louis University's applied financial economics graduate pathway program prepares students to enter the next semester of a Master of Science in Artificial Intelligence (<http://catalog.slu.edu/colleges-schools/arts-sciences/computer-science/artificial-intelligence-ms/>) at Saint Louis University. Upon successful completion of the Graduate Pathway program and meeting university requirements for graduate admission, students may enter the next semester of graduate study.

## Program Entry Requirements

### Accelerated Pathway (1-semester program)

- Undergraduate degree or equivalent with 2.75 GPA on 4.0 scale
- Current resume, two letters of recommendation, personal statement
- Language requirement:
  - TOEFL 75 (17 in Reading & Writing),
  - IELTS 6.0 (6.0 in Reading & Writing),
  - PTEA 50,
  - IELA 171 (169 in Reading & Writing), or
  - Duolingo 120

### Standard Pathway (2-semester program)

- Undergraduate degree or equivalent with 2.75 GPA on 4.0 scale
- Current resume, two letters of recommendation, personal statement
- Language requirement:
  - TOEFL 70 (13 in Reading & Writing),
  - IELTS 6.0 (5.5 in Reading & Writing),
  - PTEA 48,
  - IELA 169 (162 in Reading & Writing),
  - Duolingo 95, or
  - Completion of Academic English Level 5

## Learning Outcomes

1. Students will be able to execute a variety of verbal tasks in academic settings using English that can be understood by those unaccustomed to non-native speakers.
2. Students will be able to execute a variety of written tasks in academic settings using English that can be understood by those unaccustomed to non-native writers.
3. Students will be able to apply a process-driven approach to completing verbal and written academic assignments in multiple disciplines and modes.
4. Students will be able to deploy reflective and self-regulated learning strategies.

## Requirements

### 1-semester (Accelerated) Pathway

Code	Title	Credits
<b>Required Courses</b>		
EAP 4200	Advanced Reading and Writing as Researchers for International Graduate Students	3
EAP 4250	Advanced Listening and Speaking for International Graduate Students II	2

CSCI 5740	Introduction to Artificial Intelligence	3
CSCI 5750	Introduction to Machine Learning	3
Total Credits		11

### 2-semester (Standard) Pathway

Code	Title	Credits
<b>Required Courses</b>		
EAP 4100	Introduction to Reading and Writing for International Graduate Students I	3
EAP 4150	Listening and Speaking for International Graduate Students I	2
EAP 4200	Advanced Reading and Writing as Researchers for International Graduate Students	3
EAP 4250	Advanced Listening and Speaking for International Graduate Students II	2
CSCI 5740	Introduction to Artificial Intelligence	3
CSCI 5750	Introduction to Machine Learning	3
CSCI 5XXX	Artificial Intelligence Elective	3
CSCI 5XXX	Artificial Intelligence Elective	3
Total Credits		22

### Continuation Standards

- Minimum of 3.00 cumulative GPA
- Grade of B- or better in classes counting toward degree
- No C-/D/F/W/I/P/NP/S/U grades

### Progression Requirements

- Minimum of 3.00 cumulative GPA
- Grade of B- or better in classes counting toward degree
- No C-/D/F/W/I/P/NP/S/U grades
- Successful completion of Writing Portfolio

## 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.

### 1-semester (Accelerated) Pathway

Course	Title	Credits
<b>Year One</b>		
<b>Fall</b>		
EAP 4200	Advanced Reading and Writing as Researchers for International Graduate Students	3
EAP 4250	Advanced Listening and Speaking for International Graduate Students II	2
ACCT 5010	Accounting for Managers	3
ECON 5010	Economics for Managers	3

OPM 5020	Applied Business Statistics	3
	Credits	14
	Total Credits	14

## 2-semester (Standard) Pathway

Course	Title	Credits
<b>Year One</b>		
<b>Fall</b>		
EAP 4100	Introduction to Reading and Writing for International Graduate Students I	3
EAP 4150	Listening and Speaking for International Graduate Students I	2
CSCI 5740	Introduction to Artificial Intelligence	3
CSCI 5750	Introduction to Machine Learning	3
	Credits	11
<b>Spring</b>		
EAP 4200	Advanced Reading and Writing as Researchers for International Graduate Students	3
EAP 4250	Advanced Listening and Speaking for International Graduate Students II	2
CSCI 5XXX	Artificial Intelligence Elective	3
CSCI 5XXX	Artificial Intelligence Elective	3
	Credits	11
	Total Credits	22