# APPLIED AI AND DECISION ANALYTICS, POST-BACCALAUREATE CERTIFICATE

A post-baccalaureate certificate in applied AI and decision analytics from Saint Louis University draws on three courses from the Master of Science in Applied AI and Decision Analytics (https://catalog.slu.edu/colleges-schools/professional-studies/applied-ai-decision-analytics-ms/) curriculum. Courses will be offered fully online in an asynchronous format and in person. The program is intended for students and working professionals with an analytics background, gained through prior coursework, self-study or professional experience, who aim to apply AI-driven solutions to support organizational goals.

## 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 implement AI and analytics systems that facilitate context-appropriate decision-making.

## Requirements

## Admission Requirements

- Completed application
- Undergraduate degree (most successful applicants have an undergraduate grade point average of 3.00 or better)
- Applicants should have a background in analytics, gained through a combination of prior coursework, self-study, and professional experience. Evidence for this can be demonstrated through a combination of academic transcripts, appropriate certifications, and a professional resume.
- 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 enroll in first-term coursework.

### Requirements for International Students

Along with the general admission requirements above, the following must be provided by prospective international students:

- Demonstration of English Language Proficiency (https://catalog.slu.edu/academic-policies/office-admission/graduate/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, for post-secondary studies outside the United States. These 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 (https://www.slu.edu/apply.php)

## Program Requirements

| Code | Title | Credits |
|---|---|---|
| AA 5011 | Foundations of Applied Artificial Intelligence & Machine Learning | 3 |
| AA 5751 | AI and Analytics Product Design | 3 |
| AA 5760 | AI Integration Strategy and Implementation | 3 |
| **Total Credits** | | **9** |

## 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.

## Fall Start

| Course | Title | Credits |
|---|---|---|
| **Year One** | | |
| **Fall** | | |
| **Fall 1** | | |
| AA 5011 | Foundations of Applied Artificial Intelligence & Machine Learning | 3 |
| **Fall 2** | | |
| AA 5751 | AI and Analytics Product Design | 3 |
| | **Credits** | **6** |
| **Spring** | | |
| **Spring 1** | | |

| | | |
|---|---|---|
| AA 5760 | AI Integration Strategy and Implementation | 3 |
| | **Credits** | **3** |
| | **Total Credits** | **9** |

## Spring Start

| Course | Title | Credits |
|---|---|---|
| **Year One** | | |
| **Spring** | | |
| **Spring 1** | | |
| AA 5011 | Foundations of Applied Artificial Intelligence & Machine Learning | 3 |
| **Spring 2** | | |
| AA 5751 | AI and Analytics Product Design | 3 |
| | **Credits** | **6** |
| **Fall** | | |
| **Fall 1** | | |
| AA 5760 | AI Integration Strategy and Implementation | 3 |
| | **Credits** | **3** |
| | **Total Credits** | **9** |

## 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.