APPLIED ANALYTICS, POST-BACCALAUREATE CERTIFICATE

At the point where technology and organizational structure meet, the Saint Louis University School for Professional Studies graduate certificate in applied analytics offers you the chance to study statistical and analytical techniques needed to dive into data sets and understand the inner workings of any organization. With coursework in project management, leadership, and organizational development, graduates will not only learn to understand data but also be able to communicate its meaning to others.

If you complete the certificate, you also have the option of applying to the Master of Science in Applied Analytics (https://catalog.slu.edu/colleges-schools/professional-studies/analytics-ms/) program and, if accepted, have all of the certificate credits count toward the master's degree.

Curriculum Overview

As part of the School for Professional Studies, this 12-credit, fully online program offers technology-driven professionals like you a flexible option to meet your personal career goals. If you have obtained an undergraduate degree or higher, you may pursue a stand-alone certificate. All courses are offered in eight-week terms through SLU Online, making advanced education more accessible for working professionals.

Careers

Students completing SLU's applied analytics certificate program are prepared to take on jobs that are related to the application of analytics and data science to address business needs. Examples of such roles include data translator, project manager, business analyst, analytics application developer, and data analyst. Recent trends in the job market data and experts' predictions indicate that the job market for data analytics, business analytics and similarly named skill sets will grow in the future.

Admission Requirements

- Completed application.
- Official transcript from a degree-granting institution.
- Most successful applicants have an undergraduate grade point average of 3.0 or better.
- At least two years of work experience is recommended (includes full-time and part-time employment, internships, co-ops and similar experiences).
- Statement of professional goals (approximately 500 words suggested) articulating what attracted you to this program, and how a master's degree in this field will benefit you in your present or future career.
- Resume or curriculum vitae.

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. 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 postsecondary 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.

Application and Assistantship Deadlines

Students should apply for the fall semester by August 6 and the spring semester by January 7.

Review Process

Applications are reviewed by program directors.

Apply Now (http://www.slu.edu/apply.php)

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 http://finaid.slu.edu.

Learning Outcomes

1. Graduates will be able to utilize argumentation skills appropriate for a given problem or context.
2. Graduates will be able to implement analytics systems that facilitate context-appropriate decision making.

Requirements

Code	Title	Credits
AA 5000	Foundations of Analytics	3
AA 5100	Information Retrieval	3
AA 5200	Visualization, Feedback and Dissemination	3
One of the following:		3
AA 5300	Advanced Analytics	
AA 5750	Contemporary Issues in Analytics	
AA 5800	Simulation and Modeling	
Total Credits		**12**

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.

Course	Title	Credits
Year One		
Fall		
Fall 1		
AA 5000	Foundations of Analytics	3
Fall 2		
AA 5200	Visualization, Feedback and Dissemination	3
	Credits	**6**
Spring		
Spring 1		
AA 5300 or AA 5800	Advanced Analytics or Simulation and Modeling	3
Spring 2		
AA 5100	Information Retrieval	3
	Credits	**6**
	Total Credits	**12**

Contact Us

Apply for Admission (https://www.slu.edu/online/becoming-a-student/apply.php)

For additional admission questions, please call 314-526-2825 or email sps@slu.edu.