

CLOUD COMPUTING, POST-BACCALAUREATE CERTIFICATE

Saint Louis University's post-baccalaureate certificate in cloud computing is tailored for students with a foundational background in information technology, providing advanced training in key areas such as cloud architecture, cloud security, and cloud-based application development. The SLU program equips students with the technical expertise and practical skills to design, deploy, and manage scalable cloud solutions that meet modern business demands. Graduates will be prepared for roles that require proficiency in cloud technologies, enabling them to drive innovation, optimize infrastructure, and support organizational growth.

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 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>)

Tuition

Tuition	Cost Per Credit
Online Graduate Degrees and Post-Baccalaureate Certificates	\$790

Additional charges may apply. Other resources are listed below:

Net Price Calculator (<https://www.slu.edu/financial-aid/tuition-and-costs/calculator.php>)

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/>)

Learning Outcomes

1. Demonstrate proficiency in designing, deploying, and managing cloud-based infrastructures.
2. Apply cloud security and risk management best practices to design resilient applications.

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Program Requirements

Code	Title	Credits
CYBR 5240	Cloud Security	3
IS 5800	Cloud Computing	3

IS 5850	Advanced Cloud Computing Architectures and Applications	3
Total Credits		9

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.

Fall entry

Course	Title	Credits
Year One		
Fall		
Fall 1		
IS 5800	Cloud Computing	3
Fall 2		
CYBR 5240	Cloud Security	3
Credits		6
Spring		
Spring 1		
IS 5850	Advanced Cloud Computing Architectures and Applications	3
Credits		3
Total Credits		9

Spring entry

Course	Title	Credits
Year One		
Spring		
Spring 1		
IS 5800	Cloud Computing	3
Spring 2		
CYBR 5240	Cloud Security	3
Credits		6
Summer		
IS 5850	Advanced Cloud Computing Architectures and Applications	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.