SOFTWARE ENGINEERING GRADUATE PATHWAY

This program prepares students to enter the next semester of a Master of Science in Software Engineering 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 in Computer Science, Software Engineering or closely related field
- 2.75 GPA on a 4.0 scale
- Language requirement:
  - TOEFL iBT 75 (17+ subscores in reading and writing) or
  - IELTS 6.0 (6.0+ subscores in reading and writing) or
  - PTEA 48

Standard Pathway (2-semester program)

- Undergraduate degree in Computer Science, Software Engineering or closely related field
- 2.75 GPA on a 4.0 scale
- Language requirement:
  - TOEFL iBT 70 (13+ subscores in reading and writing) or
  - IELTS 6.0 (5.5+ subscores in reading and writing) or
  - PTEA 46 or
  - Completion of AE 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
Required Courses		
CSCI 5030	Principles of Software Development	3
CSCI 5xxx	Computer Science Elective	3
CSCI 5xxx	Computer Science Colloquium	1
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
Total Credits		12

2-semester (Standard) Pathway

Code	Title	Credits
Required Courses		
CSCI 5030	Principles of Software Development	3
CSCI 5300	Software Engineering	3
CSCI 5xxx	Computer Science Electives	6
CSCI 5xxx	Computer Science Colloquium	1
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
Total Credits		23

Continuation Standards

- Minimum 3.0 cumulative SLU GPA
- Grade of B- or better in all courses counting
- towards the degree
- No C-/D/F/W/I/P/NP/S/U grades

Progression Requirements

- Minimum 3.0 cumulative SLU GPA
- Grade of B- or better in all courses counting
- towards the degree
- No C-/D/F/W/I/P/NP/S/U grades
- 2 letters of recommendation
- 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
Year One		
Fall		
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 5030	Principles of Software Development	3
CSCI 5XXX	Computer Science Elective	3
CSCI 5XXX	Computer Science Colloquium	1
	Credits	12
	Total Credits	12

2-semester (Standard) Pathway

Course	Title	Credits
Year One		
Fall		
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 5030	Principles of Software Development	3
CSCI 5XXX	Computer Science Elective	3
	Credits	11
Spring		
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 5300	Software Engineering	3
CSCI 5XXX	Computer Science Elective	3
CSCI 5XXX	Computer Science Colloquium	1
	Credits	12
	Total Credits	23