ENGINEERING GRADUATE PATHWAY

Saint Louis University's Engineering Graduate Pathway prepares students to enter the next semester of the Master of Science in Engineering (https://catalog.slu.edu/colleges-schools/science-engineering/engineering-ms/) degree, with concentrations available in aerospace and mechanical engineering, biomedical engineering, civil engineering, electrical and computer engineering or engineering physics. Upon successfully completing the graduate pathway program and meeting SLU's requirements for matriculation, students may enter the next semester of graduate study.

Program Entry Requirements

Accelerated Pathway (One-semester Program)

- Undergraduate degree or equivalent in engineering or a closely related field
- 2.75 GPA on a 4.0 scale
- Current résumé
- Professional goal statement
- Two letters of recommendation
- Language requirement (one of the following):
  - TOEFL iBT 75 (17 subscores in reading and writing)
  - IELTS 6.0 (5.5 subscores in reading and writing)
  - PTEA 50
  - IELA 175 (169 subscores in writing and listening)
  - Duolingo 105

Standard Pathway (Two-semester Program)

- Undergraduate degree or equivalent in engineering or a closely related field
- 2.75 GPA on a 4.0 scale
- Current résumé
- Professional goal statement
- Two letters of recommendation
- Language requirement (one of the following):
  - TOEFL iBT 70
  - IELTS 6.0
  - PTEA 48
  - IELA 169 (162 subscores in writing and listening)
  - Duolingo 95

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

One-semester (Accelerated) Pathway

Code	Title	Credits
Required Courses		
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
ENG 5xxx	Engineering Elective	3
Total Credits		**8**

Two-semester (Standard) Pathway

Code	Title	Credits
Required Courses		
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
Engineering or Mathematics Elective Course		
Select six credits		6
Total Credits		**16**

Continuation Standards

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

Progression Requirements

- Minimum of 3.0 cumulative SLU GPA
- Grade of "B" or better in all courses.
- No B-/C+/C/C-/D/F/W/I/P/NP/S/U grades
- Letter of recommendation from a SLU faculty member
- Successful completion of program portfolio
- GRE optional (recommended 150Q or higher)

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.

One-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
ENG 5XXX	Engineering Elective [1]	3
	Credits	**8**
	Total Credits	**8**

Two-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
MATH 4XXX or ENG 5XXX	Mathematics or Engineering Elective [1]	3
	Credits	**8**
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
ENG 5XXX	Engineering Elective [1]	3
	Credits	**8**
	Total Credits	**16**

[1] Course to be determined in consultation with the program director.