MATHEMATICS GRADUATE PATHWAY

Saint Louis University's Mathematics Graduate Pathway Program prepares students to enter the next semester of the Master of Arts in Mathematics (https://catalog.slu.edu/colleges-schools/arts-sciences/mathematics-statistics/mathematics-ma/) degree program. Upon successfully completing the graduate pathway program and meeting the University'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 mathematics or a related field with 2.75 GPA on 4.0 scale
- Language requirement (one of the following):
  - TOEFL 75
  - IELTS 6.0 (6.0 in Reading and Writing)
  - PTEA 50
  - IELA 171 (169 in Reading and Writing)
  - Duolingo 105

Standard Pathway (Two-Semester Program)

- Undergraduate degree or equivalent in mathematics or a related field with 2.75 GPA on 4.0 scale
- Language requirement (one of the following):
  - TOEFL 70
  - IELTS 6.0 (5.5 in reading and writing)
  - PTEA 48
  - IELA 169 (162 in reading and writing)
  - Duolingo 95
  - Completion of Academic English 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

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
MATH 5xxx	Mathematics Electives	6
Total Credits		**11**

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
MATH 5xxx	Mathematics Electives	12
Total Credits		**22**

Continuation Standards

- Minimum of 3.00 cumulative GPA
- Grade of "B-" or better in classes counting toward degree
- No C-/D/F/W/I/P/NP/S/U grades

Progression Requirements

- Minimum of 3.00 cumulative GPA
- Grade of "B-" or better in classes counting toward degree
- No C-/D/F/W/I/P/NP/S/U grades
- Successful completion of Program 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.

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
MATH 5110	Algebraic Structures I	3
MATH 5310	Point Set Topology	3
	Credits	**11**
	Total Credits	**11**

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 5110	Algebraic Structures I	3
MATH 5310	Point Set Topology	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
MATH 5120	Algebra II	3
MATH 5320	General Topology II	3
	Credits	**11**
	Total Credits	**22**