2023-2024 Bachelor of Arts in Mathematics — Sample 2 Year Educational Plan

The example below assumes that when you enter Seattle University you have completed the following:

- Enter with Junior standing (90 credits)
- Have earned a transferable Associate's Degree
- Two quarters of Programming courses (like CS 142 & 143)
- Three quarters of Calculus
- One quarter of Calculus-based Physics and two Lab Science courses (see catalog)

Students with Associate's Degree may have additional core requirements depending on community college coursework.

Visit the Transfer Equivalency Guide on the Transfer Tools site for more information on how your credits may transfer to SU: https://www.seattleu.edu/registrar/transfer-tools/. Some courses not listed on the Transfer Equivalency Guide may still transfer to SU. For courses not found on this tool, compare course descriptions with SU's course catalog to determine equivalent courses at your college/university: http://catalog.seattleu.edu/

This is a sample and not the only way to complete this plan.
Number of credits are in parentheses.
Note that some classes have prerequisites.

Year 1

Fall	Winter	Spring	Steps for Success
MATH 2320 – Linear Algebra (3)	MATH 2340 – Differential Equations (4)	MATH Elective – 3000 level+ (5)	☐ Meet with your academic advisor quarterly for registration approval ☐ Explore career options at the "What Can I Do with This Major" page
MATH 3000 – Intro to Advanced Mathematics (5)	Programming Elective (e.g. CPSC 1220) (5)	Cognate Elective (5)	
MATH 3001 – Math Communication & Reasoning (used as gen elective) (2)	UCOR 2XXX – University Core (5)	General Elective (5)	
UCOR 2XXX – University Core (5)			

Year 2

Fall	Winter	Spring	Steps for Success
MATH 4481 – Senior Synthesis I (2)	MATH 4482 – Senior Synthesis II (2)	MATH 4483 – Senior Synthesis III (1)	☐ Apply for graduation on MySeattleU ☐ Finalize educational plan ☐ Register for Math GRE (If considering graduate school) ☐ Attend career events ☐ Post grad planning
MATH 4421 – Abstract Algebra I or MATH 4431 – Real Analysis I (5)	Cognate Elective (5)	MATH Elective – 3000 level+ (5)	
General Elective (5)	General Elective (5)	General Elective (6)	
UCOR 2XXX – University Core (5)	UCOR 3400 – University Core (5)		

University Core Requirements

UCOR classes (SU's general education courses) are listed in the sample plan by what module is recommended. See below for UCOR course titles listed by Module. See my.seattleu.edu for prerequisites and www.seattleu.edu/core for course descriptions. Honors and Matteo Ricci students have different Core requirements.

Module I

The assumption is that 2-year students have completed equivalent courses.

Module II

UCOR 2100 Theological Explorations
UCOR 2500 Philosophy of the Human Person
UCOR 2900-2940 Ethical Reasoning

Module III

UCOR 3400 Humanities and Global Challenges

Important Major Information

- **Overall Credits Minimum:** 180
- **Credits in Major Minimum:** 63
- **GPA Major Minimum:** 2.0
- **GPA Cumulative Minimum:** 2.0

Resources for Success

- Map out your own plan through My.SeattleU.edu
- Meet with a Career Coach from the Career Engagement Center
- Sign up for academic support with Learning Assistance Programs
- Explore career options at the "What Can I Do with This Major" page
- Learn more about academic advising on the Advising Services page

Notes

- Cognate electives include Computer Science, Economics, and/or Natural Science approved by advisor. Must include at least one Computer Science Applications or Programming course.
- MATH electives (3000 or above) MATH 3411 Probability, MATH 3440 Nonlinear Systems and Modeling, MATH 3450 Introduction to Numerical Methods MATH 3001 – Math Communication is highly recommended and may count as a MATH elective Up to 5 credits of Undergraduate Research or Directed Research may count as MATH elective
- Students with AST may have additional core requirements depending on community college coursework

SEATTLEU
COLLEGE OF SCIENCE AND ENGINEERING

Contact your Advising Center for support

Science & Engineering Advising
se-adv@seattleu.edu
Seattle U Advising Services
http://www.seattleu.edu/advising