

2022-
2023**BS. MATH.ACTU - Bachelor of Science in Mathematics – Actuarial
Specialization****Sample 4 Year Educational
Plan**

This is a sample and not the only way to complete this plan. NOTE: Number of credits are in parentheses; Some classes have prerequisites. *

Year 1

Fall	Winter	Spring	Steps for Success
MATH 1334 - Calculus I* (MATH 1022 Trig must be satisfied) (5)	MATH 1335 - Calculus II* (5)	MATH 1336 – Calculus III* (5)	<input type="checkbox"/> Meet with your academic advisor quarterly for registration approval
UCOR Module I (5)	Programming Elective (e.g., CPSC 1220) (5)	General Elective (5)	<input type="checkbox"/> Use MySeattleU Student Planning to plan your courses
UCOR Module I (5)	UCOR Module I (5)	UCOR Module I (5)	<input type="checkbox"/> Work closely with your academic advisor on your educational plan

Year 2

Fall	Winter	Spring	Steps for Success
MATH 2320 -- Linear Algebra* (3)	MATH 2340 – Differential Equations* (4)	MATH 3000 – Advanced Mathematics* (5)	<input type="checkbox"/> Meet with your academic advisor quarterly for registration approval
MATH 2330 – Multivariable Calculus* (3)	ECON 2110 – Macro Economics* (5)	MATH 3001 – Math Communication* (2)	<input type="checkbox"/> You are responsible for knowing information and tracking changes
ECON 2130 – Macro Economics* (5)	UCOR Module II* (5)	ACCT 2300 – Principles of Accounting* (5)	<input type="checkbox"/> Sign up for academic support with Learning Assistance Programs
UCOR Module I (5)		UCOR Module II* (5)	

Year 3

Fall	Winter	Spring	Steps for Success
MATH 3150 – Financial Mathematics* or MATH 3411 – Probability* (5)	MATH 3412 – Mathematical Statistics* or General Elective (5)	FINC Elective (5)	<input type="checkbox"/> Meet with your academic advisor quarterly for registration approval
MATH Elective (5)	FINC 3400 – Business Finance*	General Elective (8)	<input type="checkbox"/> Explore career options at the “What Can I Do with This Major” page
UCOR Module II* (5)	UCOR Module III* (5)		

Year 4

Fall	Winter	Spring	Steps for Success
MATH 4481 – Senior Synthesis I* (2)	MATH 4482 – Senior Synthesis II* (2)	MATH 4483 – Senior Synthesis III* (1)	<input type="checkbox"/> Apply for graduation on MySeattleU
MATH 3150 – Financial Mathematics* Or MATH 3411 – Probability* (5)	UCOR Module III* (5)	General Electives (12)	<input type="checkbox"/> Finalize Education Plan
MATH Elective (5)	General Elective (10)		<input type="checkbox"/> Register for Math GRE (If considering graduate school)
UCOR Module III* (5)			<input type="checkbox"/> Attend career events
			<input type="checkbox"/> Post Grad Planning

Continued next page

University Core Requirements

UCOR classes are listed in the sample plan by what module is recommend. 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

UCOR 1100 Academic Writing Seminar
UCOR 1200 Quantitative Reasoning (satisfied in major)
UCOR 1300 Creative Expression & Interpretation
UCOR 1400 Inquiry Seminar in the Humanities
UCOR 1600 Inquiry Seminar in the Social Sciences
UCOR 1800 Inquiry Seminar in the Natural Science

Module II

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

Module III

UCOR 3100 Religion in a Global Context
UCOR 3400 Humanities & Global Challenges
UCOR 3600 Social Sciences & Global Challenges
Or **UCOR 3800** Natural Sciences Global Challenge

Important Major Information

- Credits in Major: 88-90
- Minimum Overall Credits: 180
- 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

Curriculum Notes

- Assumes placement into MATH 1334 by SAT/ACT/SU math placement exam or college credit
- Assumes trigonometry (MATH 1022) not needed due to placement exam or college credit
- MATH choice electives: MATH 4421 Abstract Algebra I, MATH 4422 Abstract Algebra II, MATH 4431 Real Analysis I, MATH 4432 Real Analysis II, MATH 4440 Applied Fourier Analysis.
- MATH 3150 offered fall of even years; MATH 3411 offered fall of odd years; MATH 3412 offered winter of even years
- FINC electives: FINC 3420 Intermediate Corporate Finance, FINC 3430 financial Institutions & Markets, FINC 3440 Investments
- Students are encouraged to study for & attempt the financial math actuarial exam after MATH 3150 and the probability actuarial exam after MATH 3411
- * Asterisk denotes prerequisite(s) and corequisite(s) for course



Use MySeattleU Student Planning to plan your courses and work closely with your academic advisor on your educational plan. You are responsible for knowing information and tracking changes.
Contact your Advising Center for support.

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