

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 <input type="checkbox"/> Use MySeattleU Student Planning to plan your courses <input type="checkbox"/> Work closely with your academic advisor on your educational plan
UCOR 1XXX University Core (5)	Programming Elective (e.g. CPSC 1220) (5)	Cognate Elective (5)	
UCOR 1XXX University Core (5)	UCOR 1XXX University Core (5)	UCOR 1XXX University Core (5)	

## Year 2

Fall	Winter	Spring	Steps for Success
MATH 2330 -- Multivariable Calculus (3)	MATH 2340 – Differential Equations (4)	MATH 3000 – Advanced Mathematics (5)	<input type="checkbox"/> Meet with your academic advisor quarterly for registration approval <input type="checkbox"/> You are responsible for knowing information and tracking changes <input type="checkbox"/> Sign up for academic support with Learning Assistance Programs
MATH 2320 – Linear Algebra (3)	UCOR 1XXX University Core (5)	MATH 3001 – Math Communication: (2)	
Cognate Elective (5)	General Elective (5)	UCOR 2XXX University Core (5)	
General Elective (5)		General Elective (3)	

## Year 3

Fall	Winter	Spring	Steps for Success
MATH 4421 – Abstract Algebra I or MATH 4431 – Real Analysis I (5)	MATH Elective – 3000 level + (5)	MATH Elective – 3000 level + (5)	<input type="checkbox"/> Meet with your academic advisor quarterly for registration approval <input type="checkbox"/> Explore career options at the “What Can I Do with This Major” page
UCOR 2XXX University Core (5)	UCOR 2XXX University Core (5)	UCOR 3XXX University Core (5)	
General Elective (5)	General Elective (5)	General Elective (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 <input type="checkbox"/> Finalize Education Plan <input type="checkbox"/> Register for Math GRE (If considering graduate school) <input type="checkbox"/> Attend career events <input type="checkbox"/> Post Grad Planning
UCOR 3XXX University Core (5)	UCOR 3XXX University Core (5)	General Elective (12)	
General Elective (10)	General Elective (10)		

## 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](http://my.seattleu.edu) for prerequisites and [www.seattleu.edu/core](http://www.seattleu.edu/core) for course descriptions. Honors and Matteo Ricci students have different Core requirements.

### Core Module I Requirements

**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

### Core Module II Requirements

**UCOR 2100** Theological Explorations

**UCOR 2500** Philosophy of the Human Person

**UCOR 2900** Ethical Reasoning OR **UCOR 2920** Ethical Reasoning Health Care

### Core Module III Requirements

**UCOR 3100** Religion in a Global Context

**UCOR 3400** Humanities & Global Challenges

**UCOR 3600** Social Sciences & Global Challenges

Or **UCOR 3800-3840** Natural Sciences & Global Challenges

## Important Major Information

- Credits in Major: 63
- Minimum Overall Credits: 180
- Minimum Major GPA: 2.0 (some scholarships may require higher)
- Please see [my.seattleu.edu](http://my.seattleu.edu) for elective options

## Resources for Success

- Map out your own plan through [My.SeattleU.edu](http://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 trigonometry (MATH 1022) not needed due to placement exam or college credit
- Assume placement into MATH 1334 by SAT/ACT/SU math placement exam or college credit
- Cognate electives include computer science, economics, psychology, and/or natural science approved by advisor. Must include at least one CPSC app or course.
- MATH 3000 level option\*\*: 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

**SEATTLEU.**

COLLEGE OF  
SCIENCE AND ENGINEERING

Contact your Advising Center for support.

Science & Engineering Advising

[se-adv@seattleu.edu](mailto:se-adv@seattleu.edu)

Seattle U Advising Services

<http://www.seattleu.edu/advising>