

DEGREE REQUIREMENTS	CURRICULUM NOTES
<p>Credits: minimum of 180 credits</p> <p>Credits in major: 83-85</p> <p>GPA cumulative minimum: 2.0</p> <p>GPA major minimum: 2.0</p>	<ul style="list-style-type: none"> 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 prog 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 MATH 4000 level option*: 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 <p>For complete information on courses, pre-requisites, etc., use this information in conjunction with the online Catalog (http://catalog.seattleu.edu/) for the current year.</p> <p>The example below assumes you have completed no degree requirements. Your personal program of study may vary from this due to prior educational experience or individual goals.</p> <p>^p Indicates prerequisite required for course ^c Indicates co-requisite required for course</p>

	FALL		WINTER		SPRING	
	COURSE	CREDITS	COURSE	CREDITS	COURSE	CREDITS
FRESHMAN	^p MATH 1334 - Calculus I (^c MATH 1022 Trig must be sat)*	5	^p MATH 1335 - Calculus II	5	^p MATH 1336 – Calculus III	5
	UCOR 1XXX University Core	5	^p 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
SOPHOMORE	^p MATH 2330 -- Multivariable Calculus	3	^p MATH 2340 – Differential Equations	4	^p MATH 3000 – Intro to Advanced Mathematics	5
	^p MATH 2320 – Linear Algebra	3	Cognate Elective	5	^c MATH 3001 – Math Communication (here used as gen	2
	General Elective	5	General Elective	5	UCOR 2XXX University Core	5
	UCOR 1XXX University Core	5			Cognate Elective	5
JUNIOR	^p MATH 4000 level option*	5	^p MATH Elective (3000 or above)	5	^p MATH Elective (3000 or above)	5
	UCOR 2XXX University Core	5	General Elective	5	General Elective	5
	Cognate Elective	3	UCOR 2XXX University Core	5	UCOR 3XXX University Core	5
SENIOR	^p MATH 4000 level option*	5	^p MATH 4482 – Senior Synthesis II	2	^p MATH 4483 – Senior Synthesis III	1
	UCOR 3XXX University Core	5	^p MATH 3000 level option**	5	General Electives	15
	^p MATH 4481 –Senior Synthesis I	2	General Elective	5		
			UCOR 3XXX University Core	5		

CORE MODULE I REQUIREMENTS	CORE MODULE II REQUIREMENTS	CORE MODULE III REQUIREMENTS
UCOR 1100 Academic Writing Seminar	UCOR 2100 Theological Explorations	UCOR 3100 Religion in a Global Context
UCOR 1200 Quantitative Reasoning – satisfied in major	UCOR 2500 Philosophy of the Human Person	UCOR 3400 Humanities & Global Challenges
UCOR 1300 Creative Expression and Interpretation	UCOR 2900-2940 Ethical Reasoning	UCOR 3600 Social Sciences & Global Challenges
UCOR 1400 Inquiry Seminar in the Humanities		Or UCOR 3800 Natural Sciences Global Challenge
UCOR 1600 Inquiry Seminar in the Social Sciences		
UCOR 1800 Inquiry Seminar Natural Sci.		



Science and Engineering Advising Center
 206.296.2500, Engineering 300
 8:30am – 4:30pm Monday - Friday
<http://www.seattleu.edu/scieng/advising/>

This is a sample plan that is subject to change.
Work closely with your academic advisor to plan your program of study and the other co-curricular components of your educational plan.

Updated 6/15/2020