DEGREE REQUIREMENTS

Credits: minimum of 180 credits

Credits in major: 63

GPA cumulative minimum: 2.0

GPA major minimum: 2.0

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 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

As shown 182 credits.

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.

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 Indicates prerequisite required for course   ᶜ Indicates co-requisite required for course

	FALL		WINTER		SPRING	
	COURSE	**CREDITS**	**COURSE**	**CREDITS**	**COURSE**	**CREDITS**
FRESHMAN	ᴾMATH 1334 - Calculus I (ᶜ MATH 1022 Trig must be sat)*	5	ᴾMATH 1335 - Calculus II	5	ᴾMATH 1336 – Calculus III	5
	UCOR 1XXX University Core	5	ᴾProgramming 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	ᴾMATH 2330 -- Multivariable Calculus	3	ᴾMATH 2340 – Differential Equations	4	ᴾMATH 3000 – Intro to Advanced Mathematics	5
	ᴾMATH 2320 – Linear Algebra	3	UCOR 1XXX University Core	5	ᶜMATH 3001 – Math Communication (here used as gen	2
	General Elective	5	General Elective	5	UCOR 2XXX University Core	5
	Cognate Elective	5			General Elective	3
JUNIOR	ᴾMATH 4421 –Abstract Algebra I	5	ᴾMATH Elective (3000 level or above)	5	ᴾMATH Elective (3000 level or above)	5
	Or ᴾMATH 4431 – Real Analysis I	5	General Elective	5	General Elective	5
	General Elective	5	UCOR 2XXX University Core	5	UCOR 3XXX University Core	5
	UCOR 2XXX University Core	5				
SENIOR	ᴾMATH 4481 – Senior Synthesis I	2	ᴾMATH 4482 – Senior Synthesis II	2	ᴾMATH 4483 – Senior Synthesis III	1
	UCOR 3XXX University Core	5	UCOR 3XXX University Core	5	General Elective	12
	General Elective	10	General Elective	10		

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 3800-3840 Natural Sciences Global Challenge	
UCOR 1600 Inquiry Seminar in the Social Sciences			
UCOR 1800 Inquiry Seminar Natural Sci. –			

SEATTLE U
COLLEGE OF SCIENCE AND ENGINEERING

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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