

DEGREE REQUIREMENTS	CURRICULUM NOTES
<p>Credits: 180</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"> Cognate electives include computer science, economics, psychology, and/or natural science approved by advisor. Must include at least one CPSC applications or programming 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>The example below assumes that you have completed the prerequisites below:</p> <p style="color: red;">Enter with Junior standing (90 credits)</p> <p style="color: red;">Have earned a transferable Associate’s degree</p> <p style="color: red;">A full year of calculus multivariable calculus, linear algebra, and differential equations</p> <p>Students with AST may have additional core requirements depending on community college coursework</p>

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

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.

	FALL	CREDITS	WINTER	CREDITS	SPRING	CREDITS
	COURSE		COURSE		COURSE	
JUNIOR	^P MATH 3000 – Intro to Advanced Math	5	^P MATH 3000 level option**	5	^P MATH Elective (3000 level or above)	5
	^C MATH 3001 – Math Comm. (here gen elect)	2	Or MATH ^P 4000 level options*		Cognate Elective	5
	UCOR 2XXX University Core	5	Cognate Elective (CPSC 1220)	5	UCOR 2XXX University Core	5
	Cognate Elective	5	UCOR 2XXX University Core	5		
SENIOR	^P MATH 4000 level option*	5	^P MATH 4000 level options*	5	^P MATH Elective (3000 level or above)	5
	Cognate Elective	5	Or ^P MATH 3000 level option**		^P MATH 4483 – Senior Synthesis III	1
	^P MATH 4481 – Senior Synthesis I	2	Cognate Elective	3	General Electives	7
	UCOR 3400 University Core	5	^P MATH 4482 – Senior Synthesis II	2		
			General Elective	3		

CORE MODULE I REQUIREMENTS	CORE MODULE II REQUIREMENTS	CORE MODULE III REQUIREMENTS
	UCOR 2100 Theological Explorations	UCOR 3400 Humanities Global Challenges
	UCOR 2500 Philosophy of the Human Person	
	UCOR 2900-2940 Ethical Reasoning	



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.

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