

DEGREE REQUIREMENTS	CURRICULUM NOTES
<p>Credits: minimum of 180 credits</p> <p>Credits in major: 119</p> <p>GPA cumulative minimum: 2.5</p> <p>GPA major minimum: 2.5</p>	<ul style="list-style-type: none"> Assumes placement into MATH 1334 by SAT/ACT, SU placement exam or college credit. *Assumes trigonometry not needed (MATH 1022) due to placement exam or college credit. A grade of C (2.00) is required in all CPSC courses that are used to satisfy major requirements. 5000-level CPSC electives can satisfy electives with permission. Up to ten credits of 5000-level CPSC electives may apply towards the MSCS degree CPSC 2600 can be taken instead of CPSC 3000. MATH 3000 is recommended to be better prepared for MATH electives. MATH 3411 can be taken instead of MATH 2310. Math electives must be 3000-level or higher. MATH 3000 and 3411 cannot be used as math electives. Math electives that are cross-listed with computer science electives may be used as either a math elective or as a computer science elective but not both. <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 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>

	FALL	WINTER	SPRING			
	COURSE	CREDITS	COURSE	CREDITS	COURSE	CREDITS
FRESHMAN	^p CPSC 1420 Programming and Problem Solving I	5	^p CPSC 1430 Programming and Problem Solving II	5	^p CPSC 2430 Data Structures	5
	^p MATH 1334 Calculus I	5	^p MATH 1335 Calculus II	5	^p MATH 1336 Calculus III	5
	UCOR 1XXX University Core	5	UCOR 1XXX University Core	5	UCOR 1XXX University Core	5
SOPHOMORE	^p CPSC 2500 Computer Organization	5	^p CPSC 3300 Fundamentals of Databases	5	^p CPSC 3500 Computing Systems	5
	^p MATH 3000 Intro to Advanced Mathematics	5	^p MATH 2320 Linear Algebra	3	^p MATH 2340 Differential Equations	4
	UCOR 1XXX University Core	5	^p MATH 2330 Multivariable Calculus	3	UCOR 2XXX University Core	5
JUNIOR	^p CPSC 3200 Object-Oriented Development	5	^p CPSC 4100 Algorithms	5	^p CPSC 3400 Languages & Computation	5
	^p MATH 2310 Probability & Statistics	5	^p PHYS 1210 Mechanics & PHYS 1211 Mechanics Lab	5	MATH Elective (3000 level or higher)	5
	UCOR 2XXX University Core	5	UCOR 3XXX University Core	5	UCOR 3XXX University Core	5
SENIOR	^p CPSC 4870 Software Engineering & Proj Dev I	5	^p CPSC 4880 Software Engineering & Proj Dev II	3	^p CPSC 4890 Software Engineering & Proj Dev III	3
	^p CPSC 4800 Technical Communications	3	MATH Elective (3000 level or higher)	5	MATH Elective (3000 level or higher)	5
	^p CPSC Elective (4000-level)	5	UCOR 3XXX University Core	5	General Elective	5
	General Elective	3	General Elective	3		

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		
UCOR 1600 Inquiry Seminar in the Social Sciences		
UCOR 1800 Inquiry Seminar Natural Sci. – satisfied in major		



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 5/31/2019