

DEGREE REQUIREMENTS	CURRICULUM NOTES
<p><b>Credits:</b> 180</p> <p><b>Credits in major:</b> 122</p> <p><b>GPA cumulative minimum:</b> 2.5</p> <p><b>GPA major minimum:</b> 2.5</p>	<ul style="list-style-type: none"> <li>A grade of C (2.00) is required in all CPSC courses that are used to satisfy major requirements.</li> <li>Students may take 5000-level CPSC electives to satisfy elective requirements with permission of chair. Up to ten credits of 5000-level CPSC electives may apply towards the Master of Science in Computer Science degree at Seattle University</li> </ul> <p>The example below assumes that you enter have completed the prerequisites below:</p> <p><b>Enter with Junior standing (90 credits)</b>  <b>Have earned a transferable Associate's degree</b>  <b>Two quarters of Programming courses (like CS 142 &amp; 143)</b>  <b>Three quarters of Calculus &amp; Analytic Geometry</b>  <b>One quarter of Calculus-based Physics and two Lab Science courses (see catalog)</b></p> <p>Students with AST degree 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.

<sup>P</sup> Indicates prerequisite required for course    <sup>C</sup> 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		WINTER		SPRING		
COURSE	CREDITS	COURSE	CREDITS	COURSE	CREDITS	
<b>JUNIOR</b>	<sup>P</sup> CPSC 2430 Data Structures	5	<sup>P</sup> CPSC 3200 Object-Oriented Development	5	<sup>P</sup> CPSC 3400 Languages & Computation	5
	<sup>P</sup> CPSC 2500 Computer Organization	5	<sup>P</sup> CPSC 3300 Fundamentals of Databases	5	<sup>P</sup> CPSC 3500 Computing Systems	5
	<sup>P</sup> CPSC 2600 Foundations of Computer Science	5	<sup>P</sup> MATH 2310 Probability & Statistics	5	<sup>P</sup> MATH 2320 Linear Algebra	3
				UCOR 2XXX University Core	5	
<b>SENIOR</b>	<sup>P</sup> CPSC 4870 Software Engineering & Proj Dev I	5	<sup>P</sup> CPSC 4880 Software Engineering & Proj Dev II	3	<sup>P</sup> CPSC 4890 Software Engineering & Proj Dev III	3
	<sup>P</sup> CPSC 4800 Technical Communications	3	<sup>P</sup> CPSC Elective (4000-level)	5	<sup>P</sup> CPSC Elective (4000-level)	5
	<sup>P</sup> CPSC 4100 Algorithms	5	<sup>P</sup> CPSC Elective (4000-level)	5	<sup>P</sup> CPSC Elective (4000-level)	5
	UCOR 2XXX University Core	5	UCOR 2XXX University Core	5	UCOR 3400 University Core	5

CORE MODULE I REQUIREMENTS	CORE MODULE II REQUIREMENTS	CORE MODULE III REQUIREMENTS
	UCOR 2100 – Theological Explorations	UCOR 3400-3440 – Humanities and 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.**

Updated 5/31/2019