CPSC	Bachelor of Science in Computer Science Mathematics Specialization	4 YEAR TYPICAL PROGRAM OF STUDY	2014-2015

DEGREE REQUIREMENTS	CURRICULUM NOTES
Credits: minimum of 180 credits **Credits in major:** 119 **GPA cumulative minimum**: 2.5 **GPA major minimum :** 2.5	• MATH 3000 can be taken instead of CPSC 2600. MATH 3000 is recommended for students getting an additional major in math. • 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. **For complete information on courses, prerequisites, etc, use this information in conjunction with the online Catalog (http://catalog.seattleu.edu/) for the current year.**

This example assumes you have completed no degree requirements. Your personal program may vary from this due to prior educational experience or individual goals.

	FALL		WINTER		SPRING	
	COURSE	CREDITS	COURSE	CREDITS	COURSE	CREDITS
FRESHMAN	CPSC 1420 Programming and Problem Solving I	5	CPSC 1430 Programming and Problem Solving	5	CPSC 2430 Data Structures	5
	MATH 1334 Calculus & Analytic Geometry I	5	MATH 1335 Calculus & Analytic Geometry II	5	MATH 1336 Calculus & Analytic Geometry III	5
	UCOR 1XXX University Core (Module I)	5	UCOR 1XXX University Core (Module I)	5	UCOR 1XXX University Core (Module I)	5
SOPHOMORE	CPSC 2500 Computer Organization	5	CPSC 3300 Fundamentals of Databases	5	CPSC 3500 Computing Systems	5
	CPSC 2600 Foundations of Computer Science	5	MATH 2320 Linear Algebra	3	MATH 2340 Differential Equations	4
	UCOR 1XXX University Core (Module I)	5	MATH 2330 Multivariable Calculus	3	UCOR 2XXX University Core (Module II)	5
			UCOR 2XXX University Core (Module II)	5		
JUNIOR	CPSC 4100 Algorithms	5	CPSC 3200 Object-Oriented Development	5	CPSC 3400 Languages & Computation	5
	MATH 2310 Probability & Statistics	5	PHYS 1210 Mechanics	5	MATH Elective	5
	UCOR 2XXX University Core (Module II)	5	UCOR 3XXX University Core (Module III)	5	UCOR 3XXX University Core (Module III)	5
SENIOR	CPSC 4870 Software Engineering & Proj Dev I	5	CPSC 4880 Software Engineering & Proj Dev II	3	CPSC 4890 Software Engineering & Proj Dev III	3
	CPSC 4800 Technical Communications	3	MATH Elective	5	MATH Elective	5
	CPSC Elective (4000-level)	5	UCOR 3XXX University Core (Module III)	5	General Elective	3-5
			General Elective	5		

CORE MODULE I REQUIREMENTS	CORE MODULE II REQUIREMENTS	CORE MODULE III REQUIREMENTS	SCHOOL/COLLEGE CORE 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 3400-3440 Humanities & Global Challenges	
UCOR 1300 Creative Expression and Interpretation	UCOR 2900-2940 Ethical Reasoning	UCOR 3600-3640 Social Sciences & Global Challenges	
UCOR 1400-1440 Inquiry Seminar in the Humanities			
UCOR 1600-1640 Inquiry Seminar in the Social Sciences			
UCOR 1800-1840 Inquiry Seminar in the Natural Sciences (satisfied in major)			