CPSC	Bachelor of Science in Computer Science Mathematics Specialization	4 YEAR TYPICAL PROGRAM OF STUDY	2013-2014

DEGREE REQUIREMENTS	CURRICULUM NOTES
Credits: minimum of 180 credits **Credits in major:** 119 **GPA cumulative minimum**: 2.5 **GPA major minimum :** 2.5	• Assumes trigonometry (MATH 121) not needed due to placement exam or college credit • Assumes placement into MATH 134 by SAT/ACT/SU placement exam/college credit; students not placing into MATH 134 must take MATH 120 as elective • A grade of C is required in all CPSC courses that are prerequisites to other CPSC courses • Students may take 500-level CPSC electives to satisfy elective requirements with permission of chair. Up to 10 credits of 500-level CPSC electives may apply towards the Master of Science in Computer Science at Seattle University • Math electives must be 300-level or higher. MATH 310 and 351 cannot be used as math electives. • MATH 310 can be taken instead of CPSC 210. • MATH 351 can be taken instead of MATH 244. • Math electives that are cross-listed CPSC 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 151 Fundamentals of Computer Science I	5	CPSC 152 Fundamentals of Computer Science II	5	CPSC 250 Data Structures	5
	MATH 134 Calculus & Analytic Geometry I	5	MATH 135 Calculus & Analytic Geometry II	5	MATH 136 Calculus & Analytic Geometry III	5
	UCOR 1XXX	5	UCOR 1XXX	5	UCOR 1XXX	5
OPHOMORE	CPSC 210 Foundations of Computer Science	5	CPSC 370 Databases	5	CPSC 351 Computing Systems	5
	CPSC 251 Computer Organization	5	MATH 232 Multivariable Calculus	3	MATH 234 Differential Equations	4
	UCOR 1XXX	5	MATH 233 Linear Algebra	3	UCOR 2XXX	5
			UCOR 2XXX	5		
JUNIOR	CPSC 310 Algorithms	5	CPSC 320 Object-Oriented Development	5	CPSC 315 Languages & Computation	5
	MATH 244 Probability & Statistics	5	PHYS 121 Mechanics	5	MATH Elective	5
	UCOR 2XXX	5	UCOR 3XXX	5	UCOR 3XXX	5
SENIOR	CPSC 487 Software Engineering & Proj Dev I	5	CPSC 488 Software Engineering & Proj Dev II	3	CPSC 489 Software Engineering & Proj Dev III	3
	CPSC 308 Technical Communications	3	MATH Elective	5	MATH Elective	5
	CPSC Elective (400-level)	5	UCOR 3XXX	5	General Elective	8
			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 3400-3440 Humanities Global Challenge	
UCOR 1300 Creative Expression and Interpretation	UCOR 2900-2940 Ethical Reasoning	UCOR 3600-3640 Social Sciences Global Challenge	
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 -**sat in major**			