MATH	Bachelor of Science in Mathematics Specialization in Actuarial Mathematics	4 YEAR TYPICAL PROGRAM OF STUDY	2013-2014

DEGREE REQUIREMENTS	CURRICULUM NOTES
Credits: minimum of 180 credits **Credits in major:** 88-90 **GPA cumulative minimum**: 2.0 **GPA major minimum :** 2.0	• Assumes trigonometry (MATH 121) not needed due to placement exam or college credit • Assume placement into MATH 134 by SAT/ACT/SU math placement exam or college credit; student not placing into MATH 134 will need to take MATH 120 as elective • MATH electives MATH 411 Abstract Algebra I, MATH 412 Abstract Algebra II, MATH 431 Real Analysis I, MATH 432 Real Analysis II, MATH 461 Applied Fourier Analysis • FINC electives FINC 342 Intermediate Corporate Finance, FINC 343 financial Institutions and Markets, FINC 344 Investments **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	MATH 134 -- Calculus I	5	MATH 135 – Calculus II	5	MATH 136 – Calculus III	5
	UCOR 1XXX	5	Programming Elective	5	UCOR 1XXX	5
	UCOR 1XXX	5	UCOR 1XXX	5	General Elective	5
SOPHOMORE	MATH 232 -- Multivariable Calculus	3	MATH 234 – Differential Equations	4	MATH 310 – Intro to Advanced Mathematics	5
	MATH 233 – Linear Algebra	3	ECON 272 -- MicroEconomics	5	ACCT 230 – Principles of Accounting	5
	ECON 271 -- MacroEconomics	5	UCOR 2XXX	5	UCOR 2XXX	5
	UCOR 1XXX	5				
JUNIOR	MATH 341 – Financial Mathematics	5	MATH 352 – Mathematical Statistics	5	FINC Elective	5
	Or MATH 351 -- Probability		FINC 340 – Business Finance	5	General Elective	8
	MATH elective	5	UCOR 3XXX	5		
	UCOR 2XXX	5				
SENIOR	MATH 341 – Financial Mathematics	5	General Elective	10	MATH 490 – Senior Synthesis III	1
	Or MATH 351 -- Probability		MATH 489 – Senior Synthesis II	2	General Elective	12
	MATH elective	5	UCOR 3XXX	5		
	UCOR 3XXX	5				
	MATH 488 – Senior Synthesis I	2				

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		**Or** UCOR 3800-3840 Natural Sciences Global	
UCOR 1600-1640 Inquiry Seminar in the Social Sciences			
UCOR 1800-1840 Inq Sem in the Natural Sciences			