

MATHEMATICS ACTUARIAL EMPHASIS PRE-MAJOR PATHWAY

Nicolet College
University Transfer Liberal Arts Associate of Science
to
University of Wisconsin-Stevens Point
College of Letters and Science
Department of Mathematical Sciences - B.S. in Mathematics Actuarial Emphasis

NICOLET COLLEGE ASSOCIATE OF SCIENCE DEGREE		UNIVERSITY OF WISCONSIN-STEVENS POINT EQUIVALENCY			
ENGLISH (6 credits)					
20-801-219 English Composition I or 10-801-195 Written Communication (B or better)	3	ENGL 101	Freshman English	3	
20-801-223 English Composition II	3	ENGL 202	Sophomore English	3	
SPEECH (3 credits)					
20-810-201 Fundamentals of Speech	3	COMM 101	Fundamentals Oral Communications	3	
HUMANITIES (6 credits) <i>Must include courses in at least two disciplines: art, history, journalism/writing, literature, music, philosophy, theatre/film, world language</i>					
Any transferable humanities course	3		HU	3	
Any transferable humanities course	3		HU	3	
SOCIAL SCIENCE (6 credits) <i>Must include courses in at least two disciplines: anthropology, economics, geography, history, political science, psychology, sociology</i>					
20-809-287 Principles of Macroeconomics	3	ECON 110	Principles of Macroeconomics	3	Core
Any non-econ transferable social science course	3		SS	3	
MATHEMATICS AND NATURAL SCIENCE (20 credits) <i>Mathematics at the level of Algebra for Calculus or higher. Must include two lab sciences from at least two disciplines: biology, chemistry, geography, geology, and physics</i>					
20-804-236 Calculus & Analytic Geometry I	5	MATH 225	Calculus I	5	Foundation
20-804-240 Calculus & Analytic Geometry II	5	MATH 226	Calculus II	5	Foundation
Any transferable natural science lab course	5		NS	5	
Any transferable natural science lab course	5		NS	5	
HEALTH/WELLNESS/PHYSICAL EDUCATION (1 credit)					
Any 807 course	1		WLN	1	
DIVERSITY/ETHNIC STUDIES <i>Courses that meet this requirement may also count toward Humanities or Social Science and are not in addition to the 60 credits required for the degree</i>					
Satisfied in HUM/SS	0			0	
WORLD LANGUAGE (4 credits) <i>May be satisfied with one year high school, with a grade of "C" or better, or one semester in college.</i>					
Spanish I (if needed)	0-4	SPAN 101	First Semester Spanish	0-4	
ELECTIVES (14-18 credits) <i>Select any college transfer courses beyond the minimum requirements. One course of health/wellness/PE beyond the degree requirement may be selected</i>					
20-804-241 Calculus & Analytic Geometry III	5	MATH 227	Calculus III and Elective	4 1	Foundation
20-809-291 Principles of Microeconomics	3	ECON 111	Principles of Microeconomics	3	Core
10-102-145 Business Finance and Budgeting	3	ACCT 210	Introductory Financial Accounting	3	Core
10-103-126 MS Excel Beginning	1	CIS 102	Practicum in Computing I	1	Core

Additional Electives	2-6	Electives	2-6
Total transferable credits:	60	Total credits accepted:	60

Remaining Coursework Required at UW Stevens Point to earn a B.S. in Mathematics Actuarial Emphasis:

Per UW System Administrative Policy 135(IV.2) UW System Undergraduate Transfer Policy, *In cases where WTCS liberal arts/collegiate transfer programs award associate of arts/associate of science degrees that specifically align with the associate degrees awarded by UW institutions, the UW baccalaureate-granting institutions shall consider students holding such a degree to have satisfied the university-wide general education/breadth requirements at the receiving institution.*

Course#	Course	Crs
Foundation Courses:		
MATH 230	Intro to Linear Algebra	4
MATH 300	Introduction to Proof	4
Core Courses:		
MATH 356	Probability and Statistics I	3
MATH 357	Probability and Statistics II	3
MATH 362	Theory of Interest	3
CNMT 100	Principles of Computing (<i>pre-req for CNMT 110</i>)	3
CNMT 110	Object-Oriented Programming	4
BUS 350	Principles of Finance	3
BUS 353	Investments	3
	Breadth Electives a ¹	6
	Breadth Elective b ²	3-4
	Breadth Elective c: ACCT 211, CIS 210, or ENGL 351	3-4
	Capstone Experience: Actuarial Exam + MATH 358	2
	Minor Courses/Electives	16
		60-62

Sample Graduation Plan:

JUNIOR YEAR			
Fall		Spring	
MATH 230	4	CNMT 110	4
MATH 300	4	MATH 357	3
MATH 356	3	MATH 362	3
CNMT 100	3	BUS 350	3
		Minor Course/Elective	3
Total Credits: 14		Total Credits: 16	
WINTERIM			
MATH 358	2		
Total Credits: 2			
SENIOR YEAR			
Fall		Spring	
Minor Course/Elective	4	Minor Course/Elective	3
Minor Course/Elective	3	Minor Course/Elective	3
BUS 353	3	Breadth Elective b ²	3-4
Breadth Elective a ¹	3	Breadth Elective a ¹	3
ACCT 211, CIS 210, or ENGL 351	3-4		
16-17		12-13	

Academic Standards and Policies for this Major:

Students must maintain a minimum GPA of 2.00 in the courses selected to satisfy the requirements of the major. In addition, students must achieve a grade of C or better in at least 18 credits in required courses numbered 300 and above.

Breadth Electives a¹: Choose two additional courses from Math 305, 310, 315, 320, 323, 324, 327, 330, 331, 332, 367, 380, 381

Breadth Electives b²: Choose one additional course from the first list or 3-4 credits from Math 390, 395, 499; Business 343, 352, 356, Economics 310, 360.

Students planning to transfer should work closely with their Nicolet Success Coach and transfer personnel at UWSP for the most current information.