



ACADEMIC MAP TO B.S. IN MATHEMATICS - CONCENTRATION IN ACTUARIAL MATHEMATICS

2025-2026



NORTHWESTERN STATE
UNIVERSITY OF LOUISIANA

www.nsula.edu/mathematics

START HERE

YEAR 1	SEMESTER 1		Milestones	Grade	Credits	Minimum Grade
	MATH 1010 – Introduction to Mathematics	∞			1	
	MATH 2100 – Analytical Geometry and Calculus I	∞			5	
	ENGL 1010 – Composition and Rhetoric I				3	
	FA 1040 – Exploring the Arts				3	
	BUAD 1800 – Introduction to Information Technology				3	
	UNIV 1000 – The University Experience				1	

Semester Credits _____

SEMESTER 2		Milestones	Grade	Credits	Minimum Grade
MATH 2110 – Analytical Geometry and Calculus II	∞			5	
ENGL 1020 – Composition and Rhetoric II				3	
BIOL 1010 – Biological Principles I				3	
BIOL 1011 – Biological Principles Laboratory I				1	
CIS 2000 – Spreadsheet Applications				3	

Semester Credits _____

Total Credits _____

YEAR 2	SEMESTER 1		Milestones	Grade	Credits	Minimum Grade
	MATH 2080 – Fundamentals of Proof	∞			3	
	MATH 3130 – Analytical Geometry and Calculus III	∞			3	
	ACCT 2000 – Financial Accounting				3	
	CHEM 1030 – General Chemistry I				3	
	CHEM 1031 – General Chemistry I Laboratory				1	
	Academic Elective				3	

Semester Credits _____

Total Credits _____

SEMESTER 2		Milestones	Grade	Credits	Minimum Grade
MATH 3090 – Linear Algebra I	∞			4	
COMM 1010 – Oral Communication				3	
ACCT 2010 – Managerial Accounting				3	
PHYS 2510 – General Analytical Physics I				3	
PHYS 2511 – General Analytical Physics I Laboratory				1	

Semester Credits _____

Total Credits _____

YEAR 3	SEMESTER 1		Milestones	Grade	Credits	Minimum Grade
	MATH 3100 – Modern Algebra I	∞			3	
	MATH 3150 – Theory of Probability	∞			3	
	ENGL 2110 – Introduction to Literature				3	
	ECON 2000 – Principles of Macroeconomics				3	
	CSC 1060 – Program Design I				3	

Semester Credits _____

Total Credits _____

SEMESTER 2		Milestones	Grade	Credits	Minimum Grade
MATH 4940 – Introduction to Mathematical Research	∞			2	
MATH 3270 – Financial Mathematics	∞			3	
Science Elective	∞			3	
Science Elective Lab	∞			1	
ECON 2010 – Principles of Microeconomics				3	
CSC 2060 – Program Design II	∞			3	

Semester Credits _____

Total Credits _____

YEAR 4	SEMESTER 1		Milestones	Grade	Credits	Minimum Grade
	MATH 4950 – Mathematics – A Capstone Course	∞			4	
	STAT 4270 – Mathematical Statistics I	∞			3	
	MATH 4900 – Field Experience in Mathematics	∞			3	
	MATH (3000 – 4000)	∞			3	
	FIN 3090 – Business Finance				3	

Semester Credits _____

Total Credits _____

SEMESTER 2		Milestones	Grade	Credits	Minimum Grade
STAT 4280 – Regression Analysis	∞			3	
EPSY 2020; PSYC 1010, 2050; or SOC 1010				3	
FIN 4200 – Financial Policies and Practices				3	
HIST 1010, 1020, 2010 or 2020				3	
Academic Elective				1	

Semester Credits _____

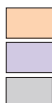
Total Credits **120**

Must maintain a 2.0 GPA within Major and Concentration to graduate.

YOU'VE FINISHED!



University Core Requirement
Mathematics Major Requirement
MILESTONE



Concentration Requirement
Mathematics Major Elective
Academic Elective



GRADUATION REQUIREMENTS

Major Requirements = 45 | University Core/Support = 75 | Total Credits = 120