ACADEMIC MAP TO B.S. IN 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	
HIST 1010, 1020, 2010, or 2020 ⫯			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	
COMM 1010 – Oral Communication ⫯			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	
CSC 1060 – Program Design I ∞	🚩		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	
MATH (3000-4000) ∞			3	
CSC 2060 – Program Design II ∞			3	
Science Elective ∞			3	
Science Elective Lab ∞			1	

Semester Credits _____
Total Credits _____

YEAR 3

SEMESTER 1	Milestones	Grade	Credits	Minimum Grade
MATH 3100 – Modern Algebra I ∞	🚩		3	
MATH (3000-4000) ∞			3	
ENGL 2110 – Introduction to Literature ⫯			3	
ANTH 1510, 2020; ECON 2000; GEOG 1010, 1020; or PSCI 2010 ⫯			3	
Academic Elective			3	

Semester Credits _____
Total Credits _____

SEMESTER 2	Milestones	Grade	Credits	Minimum Grade
MATH 4940 – Introduction to Mathematical Research ∞	🚩		2	
MATH (3000-4000) ∞			3	
PHYS 2510 – General Analytical Physics I ⫯			3	
PHYS 2511 – General Analytical Physics I Laboratory ⫯			1	
Academic Elective			3	
Academic Elective			3	

Semester Credits _____
Total Credits _____

YEAR 4

SEMESTER 1	Milestones	Grade	Credits	Minimum Grade
MATH 4950 – Mathematics – A Capstone Course ∞	🚩		4	
MATH (3000-4000) ∞			3	
Academic Elective			3	
Academic Elective			3	
Academic Elective			3	

Semester Credits _____
Total Credits _____

SEMESTER 2	Milestones	Grade	Credits	Minimum Grade
MATH (3000-4000) ∞			3	
EPSY 2020; PSYC 1010, 2050; or SOC 1010 ⫯			3	
Academic Elective			3	
Academic Elective			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

Mathematics Major Elective
Academic Elective

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

Courses taken outside of a student's degree program are not eligible for Title IV federal financial aid (grants and loans). However, elective courses are eligible for Title IV aid if they are required and included in the student's program of study. Once a student has completed all required elective credits, any additional elective courses taken beyond the program's requirements will not be eligible for Title IV funding.