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.

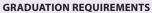**YOU'VE FINISHED!**

▥ University Core Requirement
∞ Mathematics Major Requirement
🚩 MILESTONE
▨ Mathematics Major Elective
▨ Academic Elective

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