



ACADEMIC MAP TO B.S. IN MATHEMATICS

2026-2027



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	
	CSC 1060 – Program Design I	∞			3	
	CSC 1061 – Program Design I Lab	∞			1	
	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	
CSC 2026 – Program Design II	∞			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	
	ENGL 2110 – Introduction to Literature				3	
	HIST 1010, 1020, 2010, or 2020				3	
Academic Elective				3		

Semester Credits _____

Total Credits _____

SEMESTER 2		Milestones	Grade	Credits	Minimum Grade
MATH 3090 – Linear Algebra I	∞			4	
MATH (3000-4000)	∞			3	
COMM 1010 – Oral Communication				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 (3000-4000)	∞			3	
	ANTH 1510, 2020; ECON 2000; GEOG 1010, 1020; or PSCI 2010				3	
	Academic Elective				3	
	Science Elective	∞			3	
Science Elective Lab	∞			1		

Semester Credits _____

Total Credits _____

SEMESTER 2		Milestones	Grade	Credits	Minimum Grade
MATH 4940 – Introduction to Mathematical Research	∞			2	
MATH (3000-4000)	∞			3	
STEM Elective	∞			3	
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	
	STEM 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	
STEM 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.

START HERE

YEAR 1	SEMESTER 1	Milestones	Grade	Credits	Minimum Grade

Semester Credits _____

SEMESTER 2	Milestones	Grade	Credits	Minimum Grade

Semester Credits _____

Total Credits _____

YEAR 2	SEMESTER 1	Milestones	Grade	Credits	Minimum Grade

Semester Credits _____

Total Credits _____

SEMESTER 2	Milestones	Grade	Credits	Minimum Grade

Semester Credits _____

Total Credits _____

YEAR 3	SEMESTER 1	Milestones	Grade	Credits	Minimum Grade

Semester Credits _____

Total Credits _____

SEMESTER 2	Milestones	Grade	Credits	Minimum Grade

Semester Credits _____

Total Credits _____

YEAR 4	SEMESTER 1	Milestones	Grade	Credits	Minimum Grade

Semester Credits _____

Total Credits _____



SEMESTER 2	Milestones	Grade	Credits	Minimum Grade

Semester Credits _____

Total Credits _____

YOU'VE FINISHED!

 MILESTONE

 Major Electives
 Academic Electives



GRADUATION REQUIREMENTS

Major Requirements = _____ | University Core/Support = _____ | Total Credits = _____

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.