COLLEGE OF NATURAL SCIENCES & MATHEMATICS
Bachelor of Science, Mathematics
Four-Year Academic Map 2024-2025

YEAR 1

Semester 1 Fall			Semester 2 Spring			Total
ENGL 1301	First Year Writing I	3	ENGL 1302	First Year Writing II	3	
MATH 2413	Calculus I	4	MATH 2414	Calculus II	4	
CORE	US History	3	CORE	US History	3	
	NSM Approved Natural Science Lecture and Lab	4		NSM Approved Natural Science Lecture and Lab	4	
Semester Hours		14	Semester Hours		14	28

YEAR 2

Semester 1 Fall			Semester 2 Spring			Total
MATH 2318	Linear Algebra	3	MATH 3325	Transition to Advanced Mathematics	3	
MATH 2131	Linear Algebra Lab	1	MATH 3331	Intermediate Differential Equations	3	
MATH 2415	Calculus III	4	GOVT 2305	US Govt: Congress/Pres/Courts	3	
GOVT 2306	US & Texas Constitutions and Politics	3	CORE	Creative Arts	3	
CORE	Social & Behavioral Sciences	3		NSM Approved Natural Science Lecture	3	
	NSM Approved Natural Science Lecture	3				
Semester Hours		17	Semester Hours		15	32

YEAR 3

Semester 1 Fall			Semester 2 Spring			Total
MATH 3330	Abstract Algebra	3	MATH 3334	Adv. Multivariable and Vector Calc. **or**	3	
			MATH 3363	Intro. to Partial Diff. Equations **or**		
			MATH 3364	Intro to Complex Analysis		
MATH 3333	Intermediate Analysis	3	MATH XXXX	Advanced Math Elective	3	
CORE	Language, Philosophy, & Culture	3	CORE	Writing in the Disciplines	3	
	Capstone/Free Elective	6		Capstone/Free Elective	6	
Semester Hours		15	Semester Hours		15	30

YEAR 4

Semester 1 Fall			Semester 2 Spring			Total
MATH 43XX	4000-level Math Elective	3	MATH 4389	Survey of Undergraduate Mathematics	3	
MATH 43XX	4000-level Math for Senior Sequence	3	MATH 43XX	4000-level Math for Senior Sequence	3	
	Capstone/Free Elective	9		Capstone/Free Elective	9	
Semester Hours		15	Semester Hours		15	30
						120

Students should meet with their academic advisor to formulate their own plan.

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