

COLLEGE OF NATURAL SCIENCES & MATHEMATICS

Bachelor of Science, Mathematics

Four-Year Academic Map 2023-2024

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 2415	Calculus III	4	MATH 3331	Differential Equations	3	
	GOVT 2306	US & Texas Constitutions and Politics	3	GOVT 2305	US Govt: Congress/Pres/Courts	3	
CORE	Social & Behavioral Sciences	3	CORE	Creative Arts	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 or	Adv. Multivariable & Vector Calc.		
	MATH 3333	Intermediate Analysis	3	MATH 3363 or	Intro to PDE	3	
	CORE	Language, Philosophy & Culture	3	MATH 3364	Intro. to Complex Analysis		
		Capstone/Free Elective	6	MATH	Advanced Math Elective	3	
			CORE	Writing in the Disciplines	3		
				Capstone/Free Elective	6		
	Semester Hours	15	Semester Hours	15	30		
YEAR 4	Semester 1 Fall			Semester 2 Spring			Total
	MATH	4000-level Math Elective	3	MATH 4389	Survey of Undergraduate Mathematics	3	
	MATH	4000-level Math for Senior Sequence	3	MATH	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.