

COLLEGE OF NATURAL SCIENCES & MATHEMATICS

Bachelor of Science, Mathematics (Mathematical Finance Option)

Four-Year Academic Map 2025-2026

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		
GOVT 2306	US & Texas Constitutions and Politics	3	GOVT 2305	U.S. Govt: Cong, Pres & Courts	3		
	NSM Approved Natural Science Lecture	3		NSM Approved Natural Science Lecture	3		
	Semester Hours	16		Semester Hours	16	32	

YEAR 2	Semester 1 Fall			Semester 2 Spring			Total
	MATH 2318	Linear Algebra	3	MATH 3325	Transition to Advanced Math	3	
MATH 2131	Linear Algebra Lab	1	MATH 3338	Probability	3		
MATH 2415	Calculus III	4	ACCT 2302	Principles of Managerial Accounting	3		
ACCT 2301	Principles of Financial Accounting	3		NSM Approved Natural Science Lecture and Lab	4		
	NSM Approved Natural Science Lecture and Lab	4					
	Semester Hours	15		Semester Hours	13	28	

YEAR 3	Semester 1 Fall			Semester 2 Spring			Total
	MATH 3331	Differential Equations	3	MATH 3333	Intermediate Analysis	3	
MATH 3340	Intro to Fixed Income Mathematics	3	MATH 3349	Inferential Statistics	3		
ECON 3332	Intermediate Microeconomics	3	ECON 3334	Intermediate Macroeconomics	3		
CORE	Language, Philosophy & Culture	3	CORE	Creative Arts	3		
	Capstone***/Free Elective	3		Capstone***/Free Elective	3		
	Semester Hours	15		Semester Hours	15	30	

YEAR 4	Semester 1 Fall			Semester 2 Spring			Total
	MATH 4320	Intro to Stochastic Processes	3	MATH 4380	Mathematical Introduction to Options	3	
MATH 43XX	4000-level MATH Elective	3	MATH 4389	Survey of Undergraduate Mathematics	3		
CORE	Writing in the Disciplines	3	CORE	Social & Behavioral Sciences	3		
	Capstone***/Free Elective	6		Capstone***/Free Elective	6		
	Semester Hours	15		Semester Hours	15	30	
						120	

***Students in the Math Finance Option are strongly encouraged to pursue a minor in Economics or the Bauer College of Business.

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