



# 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.