

COLLEGE OF NATURAL SCIENCES & MATHEMATICS

Bachelor of Science, Mathematics (teachHouston option)

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		
	GOVT 2306	US & Texas Constitutions and Politics	3	GOVT 2305	US Govt: Congress/Pres/Courts	3		
		NSM Approved Natural Science Lecture and Lab	4		NSM Approved Natural Science Lecture and Lab	4		
Semester Hours			17	Semester Hours			17	34

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	CUIN 3350	Knowing & Learning	3		
	CUIN 2300	Intro. to STEM Teaching	3	CORE	Creative Arts	3		
	CORE	Social & Behavioral Sciences	3		Free Elective	4		
	NSM Approved Natural Science Lecture	3						
Semester Hours			17	Semester Hours			16	33

YEAR 3	Semester 1 Fall			Semester 2 Spring			Total	
	MATH 3311	Functions and Modeling or	3	MATH 3330	Abstract Algebra	3		
	MATH 3339	Statistics for the Sciences						
	MATH 3333	Intermediate Analysis	3	MATH 3379	Introduction to Higher Geometry	3		
	CUIN 3351	Classroom Interactions	3	MATH 43XX	4000-level MATH for Senior Sequence	3		
	CORE	Language, Philosophy, & Culture	3	BIOL/CHEM/ PHYS 4340	Research Methods	3		
	Free Elective	5	CORE	Writing in the Disciplines	3			
Semester Hours			17	Semester Hours			15	32

YEAR 4	Semester 1 Fall			Semester 2 Spring			Total	
	MATH 43XX	4000-level MATH Elective	3	EDUC 4314	Student Teaching	3		
	MATH 43XX	4000-level Math for Senior Sequence	3	EDUC 4315	Student Teaching Seminar	3		
	MATH 4389	Survey of Undergraduate Mathematics	3					
	CUIN 4350	Multiple Teaching Strategies	3					
		Free Elective	3					
Semester Hours			15	Semester Hours			6	21
								120

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