

COLLEGE OF NATURAL SCIENCES & MATHEMATICS

Bachelor of Science, Mathematics

Four-Year Academic Map 2021-2022

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		
	HIST 1377	The United States to 1877	3	HIST 1378	The United States since 1877	3		
	Elective	Approved General Elective	1	Elective	Approved General Elective	1		
		Natural Science with Lab (Must be approved for majors in the discipline)	4		Natural Science with Lab (Must be approved for majors)	4		
Semester Hours			15	Semester Hours			15	30

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		
	Natural Science (must be approved for majors in the discipline)	3		Natural Science (must be approved for majors in the discipline)	3			
Semester Hours			17	Semester Hours			15	32

YEAR 3	Semester 1 Fall			Semester 2 Spring			Total	
	MATH 3330	Abstract Algebra	3	MATH 3334	Advanced Multivariable Calc OR			
	MATH 3333	Intermediate Analysis	3	MATH 3335	Vector Analysis OR			
	CORE	Language, Philosophy & Culture	3	MATH 3364	Introduction to Complex Analysis OR	3		
	Elective	Approved Electives	5	MATH 3363	Intro to Partial Differential Equations	3		
				MATH	Advanced Math Elective			
			CORE	Writing in the Disciplines		3		
			Elective	Approved Electives		6		
Semester Hours			14	Semester Hours			15	29

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		
	Elective	Approved Electives	6	Elective	Approved Electives	5		
		NSM Capstone	3		NSM Capstone	3		
	Semester Hours			15	Semester Hours			14
							120	

*State of Texas Core Curriculum

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