

COLLEGE OF NATURAL SCIENCES & MATHEMATICS

Bachelor of Science, Mathematics

Four-Year Academic Map 2019-2020

YEAR 1	Semester 1 Fall		Semester 2 Spring		Total		
	ENGL 1303	First Year Writing I	3	ENGL 1304		First Year Writing II	3
	MATH 1431	Calculus I	4	MATH 1432	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 2331	Linear Algebra	3	MATH 3325		Transition to Advanced Mathematics	3
	MATH 2131	Linear Algebra Lab	1				
	MATH 2433	Calculus III	4	MATH 3331	Differential Equations	3	
	POLS 1336	US & Texas Constitutions and Politics	3	POLS 1337	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	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.