



COLLEGE OF NATURAL SCIENCES & MATHEMATICS

Bachelor of Science, Mathematics

Four-Year Academic Map 2017-2018

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

YEAR 4	Semester 1			Semester 2			
	MATH	4000-level Math Electives	6	MATH 4389	Survey of Undergraduate Mathematics	3	
	Elective	Approved Electives	6	MATH	4000-level Math Elective	3	
		NSM Capstone	3	Elective	Approved Electives	5	
					NSM Capstone	3	
Semester Hours			15	Semester Hours			14
							29
							120

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