



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	6	MATH 3363	Intro to Partial Differential Equations			
			MATH	Advanced Math Elective	3		
			CORE	Writing in the Disciplines	3		
			Elective	Approved Electives	6		
	Semester Hours	15		Semester Hours	15	30	

YEAR 4	Semester 1			Semester 2			
	MATH	4000-level Math Electives	6	MATH 4389	Survey of Undergraduate Mathematics	3	
Elective	Approved Electives	5	MATH	4000-level Math Elective	3		
	NSM Capstone	3	Elective	Approved Electives	5		
				NSM Capstone	3		
	Semester Hours	14		Semester Hours	14	28	
						120	

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