



# COLLEGE OF NATURAL SCIENCES & MATHEMATICS

## Bachelor of Science, Mathematics

Four-Year Academic Map 2015-2016

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			Total	
	MATH 2331	Linear Algebra	3	MATH 3325	Transition to Advanced Mathematics	3		
	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			16	Semester Hours			15	31

YEAR 3	Semester 1			Semester 2			Total	
	MATH 3330	Abstract Algebra	3	MATH 3334	Advanced Multivariable Calc <b>OR</b>	} 3		
	MATH 3333	Intermediate Analysis	3	MATH 3335	Vector Analysis <b>OR</b>			
	CORE	Language, Philosophy & Culture	3	MATH 3364	Introduction to Complex Analysis			
	Elective	Approved Electives	6	MATH	Math Elective (3000 or 4000 level)	3		
				CORE	Writing in the Disciplines	3		
Elective	Approved Electives	6	Elective	Approved Electives	6			
						Semester Hours		

YEAR 4	Semester 1			Semester 2			Total	
	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		
	Elective	NSM Capstone	3		Elective	NSM Capstone		3
Semester Hours				15		Semester Hours		
							120	

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