



# COLLEGE OF NATURAL SCIENCES & MATHEMATICS

## Bachelor of Arts, Mathematics

### Four-Year Academic Map 2018-2019

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		
		Foreign Language (1000-level)	5			Foreign Language (1000-level)	5		
	Semester Hours		15		Semester Hours		15	30	

YEAR 2	Semester 1				Semester 2				Total
	MATH 2331	Linear Algebra	3		MATH 3325	Transition to Advanced Math	3		
	MATH 2131	Linear Algebra Lab	1		MATH 3331	Differential Equations	3		
	MATH 2433	Calculus III	4		CORE	Creative Arts	3		
	CORE	Social & Behavioral Sciences	3			Natural Science with Lab (Must be approved for majors)	4		
		Natural Science (must be approved for majors in the discipline)	3			Foreign Language (2000-level)	3		
		Foreign Language (2000-level)	3						
Semester Hours		17		Semester Hours		16	33		

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>			
	POLS 1336	US & Texas Constitutions and Politics	3		MATH 3364	Introduction to Complex Analysis <b>OR</b>			
	CORE	Language, Philosophy & Culture	3		MATH 3363	Intro to Differential Equations			
	Elective	Approved Elective	3		MATH	Advanced Math Elective	3		
					POLS 1337	US Govt: Congress, Pres & Courts	3		
					CORE	Writing in the Disciplines	3		
					Elective	Approved Elective	3		
Semester Hours		15		Semester Hours		15	30		

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 Elective	3		
						NSM Capstone	3		
Semester Hours		15		Semester Hours		12	27		
								120	

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