

# COLLEGE OF NATURAL SCIENCES & MATHEMATICS

## Bachelor of Arts, 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		
		Foreign Language (1000-level)	5		Foreign Language (1000-level)	5		
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 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		
Semester Hours			17	Semester Hours			16	33

YEAR 3	Semester 1 Fall			Semester 2 Spring			Total	
	MATH 3330	Abstract Algebra	3	MATH 3334	Advanced Multivariable Calc. <b>OR</b>	3		
				MATH 3335	Vector Analysis <b>OR</b>			
	MATH 3333	Intermediate Analysis	3	MATH 3364	Introduction to Complex Analysis	3		
	POLS 1336	US & Texas Constitutions and Politics	3	MATH 3363	Intro to Differential Equations			
				MATH	Advanced Math Elective	3		
	CORE	Politics Language, Philosophy & Culture	3	POLS 1336	US Govt: Congress, Pres & Courts	3		
Elective	Approved Elective	3	CORE	Writing in the Disciplines	3			
Semester Hours			15	Semester Hours			15	30

YEAR 4	Semester 1 Fall			Semester 2 Spring			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		
Semester Hours			15	Semester Hours			12	27
							120	

\*State of Texas Core Curriculum

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