College of Natural Sciences & Mathematics
Bachelor of Science - Mathematics
Four-Year Academic Map – 2014-2015

Year 1

Semester 1			Semester 2			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 in the discipline)	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 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			
MATH 3330	Abstract Algebra	3	MATH 3334	Advanced Multivariable Calculus **OR**	3	
MATH 3333	Intermediate Analysis	3	MATH 3335	Vector Analysis **OR**		
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	
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	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.