

BS-MATHEMATICAL SCIENCEMathematics 7-12
2016-2017

Year 1	Semester 1 Fall	Semester 2 Spring	Summer	Total
	Choose one 3	Choose one 3	COMM 1315-Public Speaking 3	
	HIST 1301-United States History I	HIST 1302-United States History II		
	POLS 2305-Federal Government	POLS 2306-Texas Government		
	MATH 2413-Calculus I 4	MATH 2414-Calculus II 4		
	PSYC 1100-Learning Frameworks 1	SPED 2301-Introduction to Special Populations 3		
	TCED 1301-Exploring Teaching as Profession 3	WRIT 1302-Composition II 3		
	WRIT 1301-Composition I 3	Natural Science 3		
	Natural Science 3	Natural Science Lab 1		
	Natural Science Lab 1			
	Semester Hours 18	17	3	38
Year 2	Semester 1 Fall	Semester 2 Spring	Summer	Total
	INST 3313-Survey in Instructional Technologies 3	MATH 2320-Differential Equations 3	EDUC 4310-Theories of Educational Psychology 3	
	MATH 2315-Calculus III 3	Choose one 3		
	MATH 2318-Linear Algebra 3	HIST 1302-United States History II		
	Choose one 3	POLS 2306-Texas Government		
	HIST 1301-United States History I	SILC 4315-Theories of American Pluralism 3		
	POLS 2305-Federal Government	Creative Arts 3		
	Language Philosophy & Culture 3	Social/Behavioral Science 3		
	Semester Hours 15	15	3	33

Year 3	Semester 1 Fall		Semester 2 Spring		Summer	Total
	MATH 3331-Advanced Calculus	3	MATH 3304-Algebra Through Technology	3	SPED 4300-Survey of Exceptionalities	3
	MATH Elective	3	MATH 3305-Euclidian & Non-Euclidian Geometry	3	TCED 4102-Secondary (4-8 & 7-12) Content Teacher Seminar	1
	MATH Elective	3	Choose one	3		
	MATH Elective	3	MATH 4322-Introduction to Abstract Algebra			
	WRIT 3315-Technical Writing	3	MATH 4345-Introduction to Statistics			
			MATH Elective	3		
			TCED 4306-Creating Positive Learning Environments in 7-12	3		
	Semester Hours	15		15		4
						34
Year 4	Semester 1 Fall		Semester 2 Spring		Summer	Total
	LLLS 4351-Reading in Content Subjects	3	TCED 4978-Pre-Service Internship II/Student Teaching	9		
	MATH 4344-Introduction to Probability	3				
	TCED 4363-Methods in Secondary Mathematics	3				
	TCED 4378-Pre-Service Internship I	3				
	Semester Hours	12		9		0
	Total Plan Hours					21
						126

- State of Texas Core Curriculum Course. Please refer to the 2016-2017 UHCL Undergraduate Catalog (www.uhcl.edu/catalog) for approved options.
- This document is only intended as a guide. Please see an academic advisor for assistance with academic planning.

