

BS-MATHEMATICAL SCIENCE

Mathematics 7-12

2017-2018

Year 1	Semester 1 Fall	Semester 2 Spring	Summer	Total
	Choose one 3 HIST 1301-United States History I POLS 2305-Federal Government	Choose one 3 HIST 1302-United States History II POLS 2306-Texas Government	COMM 1315-Public Speaking 3	
	MATH 2413-Calculus I 4 PSYC 1100-Learning Frameworks 1 TCED 1301-Exploring Teaching as Profession 3 WRIT 1301-Composition I 3 Natural Science 3 Natural Science Lab 1	MATH 2414-Calculus II 4 SPED 2301-Introduction to Special Populations 3 WRIT 1302-Composition II 3 Natural Science 3 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 2315-Calculus III 3 MATH 2318-Linear Algebra 3 Choose one 3 HIST 1301-United States History I POLS 2305-Federal Government Language Philosophy & Culture 3	MATH 2320-Differential Equations 3 Choose one 3 HIST 1302-United States History II POLS 2306-Texas Government SILC 4315-Theories of American Pluralism 3 Creative Arts 3 Natural Science 3	EDUC 4310-Theories of Educational Psychology 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	21
	Total Plan Hours			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.

