

**BA-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 of Instructional Technologies 3 MATH 2318-Linear Algebra 3 Choose one 3 HIST 1301-United States History I POLS 2305-Federal Government	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	EDUC 4310-Theories of Educational Psychology 3	
	Language Philosophy and Culture 3 Social/Behavioral Science 3	Creative Arts 3 Natural Science 3		
	Semester Hours 15	15	3	33

<b>Year 3</b>	<b>Semester 1 Fall</b>		<b>Semester 2 Spring</b>		<b>Summer</b>	<b>Total</b>
	MATH 3300-Introduction to Modern Algebra	3	MATH 3304-Algebra Through Technology	3	SPED 4300-Survey of Exceptionalities	3
	MATH Elective	3	MATH 3305-Euclidian and Non-Euclidian Geometry	3	TCED 4102-Secondary (4-8 & 7-12) Content Teacher Seminar	1
	MATH Elective	3	MATH 3312-Number Theory	3		
	MATH Elective	3	MATH Elective	3		
	WRIT 3315-Technial Writing	3	TCED 4306-Creating Positive Learning Environments in 7-12	3		
	Semester Hours	15		15		4
						34
<b>Year 4</b>	<b>Semester 1 Fall</b>		<b>Semester 2 Spring</b>		<b>Summer</b>	<b>Total</b>
	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-Preservice 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](http://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.

