

BACHELOR OF ART- MATHEMATICAL SCIENCE  
Mathematics 7-12  
2019-2020

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

Year 3	Semester 1 Fall		Semester 2 Spring		Summer	Total
	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		
	<b>Semester Hours</b>	<b>15</b>		<b>15</b>		<b>4</b>
						<b>34</b>
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-Preservice Internship I	3				
	<b>Semester Hours</b>	<b>12</b>		<b>9</b>		<b>21</b>
	<b>Total Plan Hours</b>					<b>126</b>

- 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.

