



**2019 - 2020**  
**Elementary Teacher Preparation – Mathematics**  
**Bachelor of Science Degree**

<b>Fall Year 1</b>		<b>Courses</b>	<b>Credit Hours</b>	
ENG 1010	College Composition I		3	<b>12</b>
GEO 1010	Human Geography		3	
MTH 1110	College Algebra I		3	
SPN 1010	Spanish I		3	
<b>Spring Year 1</b>				
		<b>Courses</b>	<b>Credit Hours</b>	
EDU 1410	Health and Physical Education for Elementary Educators		3	<b>14</b>
ENG 1020	College Composition II		3	
GEO 1110	Physical Geography		3	
MTH 1310	Pre-Calculus		5	
<b>Fall Year 2</b>				
		<b>Courses</b>	<b>Credit Hours</b>	
EDU 2110	Number Concepts for Educators		3	<b>13</b>
MTH 1510	Calculus I		4	
POL 3010	American Political Systems		3	
SPK 2010	Oral Communication		3	
<b>Spring Year 2</b>				
		<b>Courses</b>	<b>Credit Hours</b>	
EDU 1510	Visual and Performing Arts for Elementary Educators		3	<b>12</b>
EDU 2120	Geometric and Statistical Concepts for Educators		3	
EDU 2210	Children's Literature		3	
MTH 1410	Introduction to Discrete Mathematics		3	
<b>Fall Year 3</b>				
		<b>Courses</b>	<b>Credit Hours</b>	
EDU 2010	Introduction to Professional Education Experiences		3	<b>15</b>
EDU 3410	Language Arts and Linguistic Foundations		3	
HIS 3410	United States History to 1877		3	
MTH 2710	Probability and Statistics for Educators		3	
MTH 3610	College Geometry		3	

Spring Year 3		Courses	Credit Hours	
EDU 3110	Social Studies for Elementary Teachers	3	12	
EDU 3120	Educational Psychology	3		
EDU 3460	Integrating Technology into 21 <sup>st</sup> Century Learning	3		
MTH 3110	Algebraic Thinking and Proportional Reasoning	3		
Fall Year 4		Courses	Credit Hours	
EDU 2510	Science Foundations I: Chemistry and Life Science	3	12	
EDU 2510L	Science Foundations I: Chemistry and Life Science Lab	0		
EDU 3210	Theory and Principles of Reading Instruction	3		
EDU 3310	The Exceptional Learner	3		
MTH 4110	Reasoning and Proof for Elementary Educators	3		
Spring Year 4		Courses	Credit Hours	
EDU 2520	Science Foundations II: Astronomy, Earth Science, and Physics	3	12	
EDU 2520L	Science Foundations II: Astronomy, Earth Science, and Physics Lab	0		
EDU 4210	Reading in the Content Areas	3		
EDU 4310	Instructional Design and Assessment	3		
SOC 3210	Cultural Diversity	3		
Fall Year 5		Courses	Credit Hours	
EDU 4410	Classroom Development	3	12	
EDU 4510	Theory and Techniques of Instruction	6		
MTH 4910	Senior Seminar: Mathematics	3		
Spring Year 5		Courses	Credit Hours	
EDU 4450	Educational Foundations	2	12	
EDU 4810	Directed Teaching I	10		
<b>Program Total</b>			<b>126</b>	