

Major in Mathematics - Bachelor of Science in Education

University Requirements:		
See University General Requirements for Baccalaureate degrees (p. 41)		<input type="checkbox"/>
First Year Making Connections Course:	Sem. Hrs.	
MATH 1093, Making Connections - Mathematics	3	<input type="checkbox"/>
General Education Requirements:	Sem. Hrs.	
See General Education Curriculum for Baccalaureate degrees (p. 84)	36	<input type="checkbox"/>
<p>Students with this major must take the following:</p> <p><i>MATH 2204, Calculus I</i></p> <p><i>PHYS 2034, University Physics I</i> OR</p> <p><i>PHYS 2054, General Physics I</i></p> <p><i>HIST 2763, The United States To 1876</i> OR</p> <p><i>HIST 2773, The United States Since 1876</i></p> <p><i>POSC 2103, Introduction to United States Government</i></p> <p><i>PSY 2013, Introduction to Psychology</i></p> <p><i>COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)</i></p>		
Major Requirements:	Sem. Hrs.	
MATH 2183, Discrete Structures	3	<input type="checkbox"/>
MATH 2214, Calculus II	4	<input type="checkbox"/>
MATH 3254, Calculus III	4	<input type="checkbox"/>
MATH 3243, Linear Algebra	3	<input type="checkbox"/>
MATH 3303, Modern Algebra I	3	<input type="checkbox"/>
MATH 3323, Mathematics Modeling	3	<input type="checkbox"/>
MATH 3343, College Geometry	3	<input type="checkbox"/>
MATH 3353, History of Mathematics	3	<input type="checkbox"/>
MATH 4553, Advanced Calculus I	3	<input type="checkbox"/>
STAT 3233, Applied Statistics I	3	<input type="checkbox"/>

STAT 4453, Probability and Statistics I	3	<input type="checkbox"/>
Sub-total	35	<input type="checkbox"/>
Additional Requirements:	Sem. Hrs.	
Select one of the following courses: ANTH 2233, Introduction to Cultural Anthropology GEOG 2613, Introduction to Geography HIST 1013, World Civilization to 1660 HIST 1023, World Civilization since 1660	3	<input type="checkbox"/>
PHYS 2044, University Physics II OR PHYS 2064, General Physics II	4	<input type="checkbox"/>
Computer Science Elective	3	<input type="checkbox"/>
Sub-total	10	<input type="checkbox"/>
Professional Education Requirements:	Sem. Hrs.	
Grade of "C" or better required for all Professional Education Requirements. Courses denoted below with an asterisk (*) require admission to the Teacher Education Program. For additional information, see Professional Education Requirements for Secondary Majors in the College of Education and Behavioral Science section.		
*EDMA 4593, Methods and Materials for Teaching Science in the Secondary School	3	<input type="checkbox"/>
ELSE 3643, The Exceptional Student in the Regular Classroom	3	<input type="checkbox"/>
PSY 3703, Educational Psychology	3	<input type="checkbox"/>
SCED 2513, Introduction to Secondary Teaching	3	<input type="checkbox"/>
*SCED 3515, Performance Based Inst. Design	5	<input type="checkbox"/>
*SCED 4713, Educational Measurement with Computer Applications	3	<input type="checkbox"/>
*TIMA 4826, Teaching Internship in the Secondary School	12	<input type="checkbox"/>
Sub-total	32	<input type="checkbox"/>
Additional General Requirements for Teacher Education:	Sem. Hrs.	
HLTH 2513, Principles of Personal Health	3	<input type="checkbox"/>

Electives:	Sem. Hrs.	
Electives	1	<input type="checkbox"/>
Total Required Hours:	120	