

Major in General Science - Bachelor of Science in Education

Emphasis in Physics

University Requirements:		
See University General Requirements for Baccalaureate degrees (p. 41)		<input type="checkbox"/>
First Year Making Connections Course:	Sem. Hrs.	
PHSC 1003, Making Connections - Chemistry and Physics	3	<input type="checkbox"/>
General Education Requirements:	Sem. Hrs.	
See General Education Curriculum for Baccalaureate degrees (p. 84) Students with this major must take the following: <i>MATH 2204, Calculus I</i> <i>PHYS 2034, University Physics I</i> <i>HIST 2763, The United States to 1876 OR HIST 2773, The United States since 1876</i> <i>POSC 2103, Introduction to United States Government</i> <i>PSY 2013, Introduction to Psychology</i> <i>Twelve hours of Social Sciences (Required Departmental Gen. Ed. Option)</i>	36	<input type="checkbox"/>
Major Requirements:	Sem. Hrs.	
CHEM 1013 AND 1011, General Chemistry I and Laboratory	4	<input type="checkbox"/>
CHEM 1023 AND 1021, General Chemistry II and Laboratory	4	<input type="checkbox"/>
CS 2114, Structured Programming	4	<input type="checkbox"/>
MATH 2214, Calculus II	4	<input type="checkbox"/>
MATH 3254, Calculus III	4	<input type="checkbox"/>
MATH 4403, Differential Equations	3	<input type="checkbox"/>
PHYS 2044, University Physics II	4	<input type="checkbox"/>
PHYS 3153, Mechanics	3	<input type="checkbox"/>
PHYS 3203, Electromagnetic Theory	3	<input type="checkbox"/>
PHYS 3303, Modern Physics	3	<input type="checkbox"/>
Sub-total	36	<input type="checkbox"/>

Professional Education Requirements: 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.	Sem. Hrs.	
*EDSC 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"/>
*TIPH 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	10	<input type="checkbox"/>
Total Required Hours:	120	