

# Major in General Science - Bachelor of Science in Education

## Emphasis in Chemistry

<b>University Requirements:</b>		
See University General Requirements for Baccalaureate degrees (p. 41)		<input type="checkbox"/>
<b>First Year Making Connections Course:</b>	<b>Sem. Hrs.</b>	
PHSC 1003, Making Connections - Chemistry and Physics	<b>3</b>	<input type="checkbox"/>
<b>General Education Requirements:</b>	<b>Sem. Hrs.</b>	
See General Education Curriculum for Baccalaureate degrees (p. 84)	<b>36</b>	<input type="checkbox"/>
<p><b>Students with this major must take the following:</b></p> <p><i>MATH 2204, Calculus I</i></p> <p><i>CHEM 1013 AND 1011, General Chemistry I and Laboratory</i></p> <p><i>HIST 2763, The United States to 1876 OR</i></p> <p><i>HIST 2773, The United States since 1876</i></p> <p><i>PSY 2013, Introduction to Psychology</i></p> <p><i>Twelve hours of Social Sciences (Required Departmental Gen. Ed. Option)</i></p>		
<b>Major Requirements:</b>	<b>Sem. Hrs.</b>	
CHEM 1023 AND 1021, General Chemistry II and Laboratory	4	<input type="checkbox"/>
CHEM 2004, Descriptive Inorganic Chemistry	4	<input type="checkbox"/>
CHEM 3054, Quantitative Analysis	4	<input type="checkbox"/>
CHEM 3103 AND 3101, Organic Chemistry I and Laboratory	4	<input type="checkbox"/>
CHEM 3113 AND 3111, Organic Chemistry II and Laboratory	4	<input type="checkbox"/>
CHEM 3154, Survey of Physical Chemistry	4	<input type="checkbox"/>
PHYS 2034, University Physics I OR PHYS 2054, General Physics I	4	<input type="checkbox"/>
PHYS 2044, University Physics II OR PHYS 2064, General Physics II	4	<input type="checkbox"/>
<b>Sub-total</b>	<b>32</b>	<input type="checkbox"/>

<b>Professional Education Requirements:</b> 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.	<b>Sem. Hrs.</b>	
*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"/>
*TICH 4826, Teaching Internship in the Secondary School	12	<input type="checkbox"/>
<b>Sub-total</b>	<b>32</b>	<input type="checkbox"/>
<b>Additional General Requirements for Teacher Education:</b>	<b>Sem. Hrs.</b>	
HLTH 2513, Principles of Personal Health	3	<input type="checkbox"/>
<b>Electives:</b>	<b>Sem. Hrs.</b>	
Electives	14	<input type="checkbox"/>
<b>Total Required Hours:</b>	<b>120</b>	