

Major in General Science - Bachelor of Science in Education

Emphasis in Biology

University Requirements:		
See University General Requirements for Baccalaureate degrees (p. 41)		<input type="checkbox"/>
First Year Making Connections Course:	Sem. Hrs.	
BIO 1013, Making Connections - Biology	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 2194, Survey of Calculus OR</i></p> <p><i>MATH 2204, Calculus 1</i></p> <p><i>CHEM 1013 AND 1011, General Chemistry I and Laboratory</i></p> <p><i>BIO 2013 AND 2011, Biology of the Cell and Laboratory</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>		
Language Requirement:	Sem. Hrs.	
<i>A student must complete the foreign language requirements before being considered a General Science - Biology Major. (Refer to Department of Biological Sciences Foreign Language Requirement).</i>		<input type="checkbox"/>
Major Requirements:	Sem. Hrs.	
BIO 1303 AND 1301, Biology of Animals and Laboratory	4	<input type="checkbox"/>
BIO 1503 AND 1501, Biology of Plants and Laboratory	4	<input type="checkbox"/>
BIO 3013 AND 3011, Genetics and Laboratory	4	<input type="checkbox"/>
BIO 3023, Principles of Ecology	3	<input type="checkbox"/>
BIO 3033, Evolution	3	<input type="checkbox"/>
BIO 4104, Microbiology	4	<input type="checkbox"/>
CHEM 1023 AND 1021, General Chemistry II and Laboratory	4	<input type="checkbox"/>

CHEM 3103, Organic Chemistry I	3	<input type="checkbox"/>
PHYS 2054, General Physics I	4	<input type="checkbox"/>
PHYS 2064, General Physics II	4	<input type="checkbox"/>
Earth Science Electives (select three of the following): GEOG 3723, Introduction to Physical Geography OR GEOG 4633, Climatology GEOL 1003, Environmental Geology PHYS 1103, Introduction to Space Science OR PHYS 3133, Astronomy PHYS 3043, Atmospheric Dynamics	9	<input type="checkbox"/>
Sub-total	46	<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"/>
*TIBI 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"/>
Total Required Hours:	120	