

Major in Chemistry - Bachelor of Science

Emphasis in Pre-Health Profession Studies

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)	36	<input type="checkbox"/>
<p>Students with this major must take the following:</p> <p><i>MATH 2204, Calculus I</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>Twelve hours of Social Sciences (Required Departmental Gen. Ed. Option)</i></p>		
Major Requirements:	Sem. Hrs.	
CHEM 1023 AND 1021, General Chemistry II and Laboratory	4	<input type="checkbox"/>
CHEM 2002, Computers in Chemistry	2	<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 3124, Physical Chemistry	4	<input type="checkbox"/>
CHEM 3134, Physical Chemistry II	4	<input type="checkbox"/>
CHEM 4204, Inorganic Chemistry	4	<input type="checkbox"/>
CHEM 4224, Instrumentation	4	<input type="checkbox"/>
CHEM 4243, Biochemistry	3	<input type="checkbox"/>

CHEM 427V, Research in Chemistry	3	<input type="checkbox"/>
CHEM 4281, Chemistry Seminar	1	<input type="checkbox"/>
MATH 2214, Calculus II	4	<input type="checkbox"/>
MATH 3254, Calculus III	4	<input type="checkbox"/>
PHYS 2034, University Physics I	4	<input type="checkbox"/>
PHYS 2044, University Physics II	4	<input type="checkbox"/>
Sub-total	61	<input type="checkbox"/>
Emphasis Area (Pre-Health Profession Studies): <i>Six hours of the electives below must be upper-level.</i>	Sem. Hrs.	
BIO 1303 AND 1301, Biology of Animals and Laboratory	4	<input type="checkbox"/>
Biology Electives	8	<input type="checkbox"/>
Sub-total	12	<input type="checkbox"/>
Electives:	Sem. Hrs.	
Electives	8	<input type="checkbox"/>
Total Required Hours:	120	