

**BACHELOR OF ARTS/SCIENCE  
CHEMISTRY  
2011-2012**

BA   
BS

GENERAL EDUCATION CORE	REQ	COMP	NEED	
<b>SKILLS COMPONENT</b>				
ENGL 101 & 102	6			
ENGL 109				
COMM 101, 202, 203, 204, 205	3			
MATH 123, 130, 130A & 130B, 137, 143 & 144, 147, 157 & 257, 170, 254	3			
ID 123 Math & Science Lit. **				
<b>HUMANITIES 1 Lit &amp; 1 Art course (6 cr. required)</b>				
ENGL 150, ENGL 258, ENGL 257, HUM 301	3			
ART 100, HUM 101, HUM 150, MUS 101, THEA 101	3			
<b>NATURAL SCIENCES 2 courses: NS 150 &amp; 1 lab science</b>				
NS 150**	3			
BIOL 102, 120, 175, 252	4			
CHEM 102, 105, 111				
FSCI 101				
GEOL 100, 120				
NS 100, 171 & 172				
PHYS 111, 205, 211				
<b>SOCIAL SCIENCE min 3 courses from 2 areas (9 cr. req.)</b>				
ANTH 102, 120, 170	9			
ECON 101, 102, 201, 202				
GEOG 102				
HIST 101, 102, 111, 112, 115				
HRPT 184, 185				
POLS 101, 285				
PSYC 101, 205				
SS 150, 184, 185				
SOC 101, 102				
<b>INTEGRATIVE COMPONENT 1 course required</b>				
NS, HUM, SS, 350		3		
ID, HUM, SS, 351				
<b>TOTAL</b>	<b>37</b>			

\*\* ID 123 can be taken to satisfy Core Math and NS 150

FOREIGN/HERITAGE LANGUAGE	REQ	COMP	NEED
101	Take 16 credits of language if selecting a Bachelor of Arts degree.		
102			
201			
202			
<b>TOTAL</b>	<b>16</b>		

NOTES, SUBSTITUTIONS & WAIVERS

MAJOR COURSES	REQ	COMP	NEED
CHEM 111 General Chemistry I	core		
CHEM 112 General Chemistry II	4		
CHEM 305 Physical Chem I	3		
CHEM 325 Quant Analysis	4		
NS 380 Senior Seminar	1		
PHYS 111/211 Physics I	4		
PHYS 112/212 Physics II	4		
<b>TOTAL</b>	<b>20</b>		
<b>CHEMISTRY EMPHASIS</b>			
CHEM 306 Physical Chem II	3		
CHEM 353 Adv Lab Prep Tech	2		
CHEM 371/373 Organic Chem I	4		
CHEM 372/374 Organic Chem II	4		
CHEM 454 Instrumental Analysis	4		
CHEM 463 Inorganic Chemistry	4		
CHEM 481 Biochemistry	4		
MATH 175 Calculus II	4		
<b>TOTAL</b>	<b>29</b>		
<b>GEOLOGY EMPHASIS</b>			
GEOL 100 Environ Earth Sci	4		
GEOL 102 Historical Geology	4		
GEOL 313 Earth Materials I	4		
GEOL 314 Earth Materials II	4		
6 credits of upper division Geology			
GEOL 300/400	6		
GEOL 300/400			
GEOL 491 Workshops in Geol	var		
<b>TOTAL</b>	<b>22</b>		
<b>SENIOR ELECTIVES - 4 credits of 300/400 level from NS Div</b>			
Natural Science Division 300/400			
<b>TOTAL</b>	<b>4</b>		
<b>SUMMARY</b>			
GENERAL EDUCATION	37		
MAJOR	20		
EMPHASIS AREA	22-29		
GENERAL ELECTIVES	43-50		
<b>TOTAL</b>	<b>128</b>		
Exit Exam			
Exit Interview			

**128 Total Credits (minus remedial):**

**36 Upper Division Credits:**

**32 Resident Credits (LCSC):**