

**Four Year Model Plan of Study for a Curriculum in Chemistry (BS)
2009-2010**

First Year			
Fall Semester		Spring Semester	
Engl 160	3 hours	Engl 161	3 hours
Math 180 ¹	5 hours	Math 181	5 hours
Chem 112 or 116 ²	5 hours	Chem 114 or 118 ³	5 hours
General Education Requirement Course	3 hours	Foreign Language	4 hours
Total	16 hours	Total	17 hours
Second Year			
Fall Semester		Spring Semester	
Chem 232	4 hours	Chem 234	4 hours
Chem 233	1 hours	Chem 333 ⁴	3 hours
Math 210	3 hours	Phys 142	4 hours
Phys 141	4 hours	Foreign Language	4 hours
Foreign Language	4 hours		
Total	16 hours	Total	15 hours
Third Year			
Fall Semester		Spring Semester	
Chem 342 ²	3 hours	Chem 343	3 hours
Chem 222	4 hours	Chem 346 ³	3 hours
Chem 314	4 hours	Chem 414 ³ (or 432 or 444)	2 hours
Foreign Language	4 hours	Chem 452	4 hours
		General Education Requirement Course	3 hours
Total	15 hours	Total	15 hours
Fourth Year			
Fall Semester		Spring Semester	
Chem 402 ²	2 hours	Chem 421 ³	4 hours
Chem 432 ² or 444 ² (or 414)	2 hours	Chem 455 (or 499 or 415)	3 hours
Chem 415 (or 499 or 455)	3 hours	General Education Requirement Course	3 hours
Natural Sciences/ Mathematics elective ⁴	3 hours	General Education Requirement Course/Elective	3 hours
General Education Requirement Course	3 hours	Elective	3 hours
General Education Requirement Course	3 hours		
Total	16 hours	Total	16 hours

1. Math 180 satisfies LAS Quantitative Reasoning requirement.

2. Chem 116, 342, 402, 432, and 444 are offered fall semester only.

3. Chem 118, 346, 414, and 421 are offered spring semester only.

4. 3 hours of electives at the 300-level or above in the natural sciences and/or mathematics, as approved by the departmental advisor. Chem 452 is strongly suggested.

Note: Students must earn at least 40 hours at the 200, 300, or 400-level at a 4-year college or university. These hours may include hours in the major.

Note: Beginning fall 2007, the General Education Requirement is 9 courses, 2 laboratory courses from Analyzing the Natural World, 1 course from each of Understanding the Individual and Society, Understanding the Past, Understanding the Creative Arts, Exploring World Cultures, and Understanding U.S. Society.