

**Major:** BS in BIOCHEMISTRY (one possible schedule)<sup>##</sup>**Department:** Chemistry<sup>##</sup> As of March 2011. This sheet is only for illustration and does not replace the catalog. Academic advising is individualized.

Freshman Year - Fall Semester		
Course	Credit	Grade
CHEM 103	4	
CHEM 103 LAB	--	
BIOL 105	4	
BIOL 105 LAB	---	
LA-101	2	
ENG 101	3	
ID 208 <sup>1</sup>	1	
Elective	2-3	

Freshman Year - Spring Semester		
Course	Credit	Grade
CHEM 104	4	
CHEM 104 LAB	---	
BIOL 106	4	
BIOL 106 LAB	---	
LA Elective (PerSocRes)	3	
Elective	3	
Elective	2-3	

Sophomore Year - Fall Semester		
Course	Credit	Grade
CHEM 301	4	
CHEM 301 LAB	---	
Foreign Language	3	
ENG-201	3	
LA elective (HIST)	3	
Electives <sup>3</sup>	3-4	

Sophomore Year - Spring Semester		
Course	Credit	Grade
CHEM 302	4	
CHEM 302 LAB	--	
Foreign Language	3	
COMM 135	3	
LA Elective (PerSocRes)	3	
Math <sup>2</sup> 141	3	

Junior Year - Fall Semester		
Course	Credit	Grade
CHEM 303	4	
CHEM 303 LAB	---	
REL 101 or 102	3	
Foreign Language	3	
ENG-301	3	
Electives, possibly Biochem <sup>4</sup>	3-4	

Junior Year - Spring Semester		
Course	Credit	Grade
CHEM 304	4	
CHEM 304 LAB	---	
REL 101 or 102	3	
Foreign Language	3	
BIOL 475	2	
LA elective (Fine art)	3	
Any Elective <sup>3</sup>	1	

Senior Year - Fall Semester		
Course	Credit	Grade
BIOL 410	1	
CHEM 491	2	
Biochem Elective <sup>4</sup>	4	
Math 201	3	
Any Elective	3	
Any Elective	3	

Senior Year - Spring Semester		
Course	Credit	Grade
CHEM 412	1	
Any Elective	2	
Any Elective	3	
Any Elective	3	
Any Elective	3	
Any Elective	3	

<sup>1</sup> Required in first fall semester of attendance for all pre-health professions; others omit ID 208.<sup>2</sup> One or both strongly suggested: Math 141 (3 hours, spring) or Math 201 (4 hours, fall, spring, summer). Edit course numbers<sup>3</sup> Must serve as teaching assistant for 1 semester—either for pay or course credit as Chem 300; could do here, for example.<sup>4</sup> Choose one of six possible courses i.e., BIOL 314, 316, or 320 (each of which has Biol 106 as prerequisite) or from CHEM 305, 306, 401/416 (each has Chem 201 as pre- or co-requisite; 401/416 also has Math 211 and Physics 202 as prerequisites.) When offered: Biol 316 fall, spring; Biol 320 fall; Biol 314 spring; Chem 305/306 offered fall odd years/ spring even years; Chem 401/415 fall even.

Total number of hours required for degree must equal or exceed 128; BS in biochemistry requires a minimum of 42. Courses numbered 300 or 400 taken from a 4 year college must equal or exceed 36, at least 12 of which must be 300-400 level in chemistry at C-N. Credits from a 4-year college must equal or exceed 60. Minimum hours from C-N = 32. C-N GPA, Cum GPA and each biology and chemistry course counted toward the major must equal or exceed 2.0 grade.