

## Biochemistry Major Planning Form

Pre-requisite Courses – **should be completed in the first three semesters**

Course	check when complete	anticipated completion semester
Math 151 (Calculus 1)		
Math 152 (Calculus 2)		
Physics 110 (Physics Concepts 1)		
Chemistry 120 (Chemical Concepts 1)		
Chemistry 122 (Chemical Concepts 2)		
Biology 220 (Organismal, Physiology and Ecology)		
Biology 221 (Genetics, Development and Evolution)		

Sophomore Seminars – **should be completed in the sophomore year**

Course	check when complete	anticipated completion semester
FSBio201            OR		
FSChem201		

Intermediate Courses – **should be completed by first semester senior year**

Course	check when complete	anticipated completion semester
Chemistry 231 (Organic Chemistry 1)		
Chemistry 253 (Biochemistry – Chem 231 is pre-req)		
Chemistry 242 (Physical Chemistry)		
Biology 305 (Molecular Biology)		

Junior Seminar – **should be completed in the junior year**

Course	check when complete	anticipated completion semester
Biology 580 (select sections)            OR		
Chemistry 584		

Electives

<b>check course taken</b>	<b>Course</b>	<b>check when complete</b>	<b>anticipated completion semester</b>
	Chemistry 354 (Metabolism)		
	Chemistry 357 (Macromolecular synthesis)		
	Chemistry 361 (Instrumental Chemistry)		
	Chemistry 43x, 45x or 46x (Current topics in Organic, Bio or Analytical Chemistry)		
	Biology 300 (Bioinformatics)		
	Biology 310 (Microbiology)		
	Biology 320 (Cell Biology)		
	Biology 325 (Genetics)		
	Biology 360 (Plant Physiology)		

Senior Project – **should be completed in final year**

<b>Course</b> name of anticipated 1 <sup>st</sup> reader: _____	<b>check when complete</b>	<b>anticipated completion semester</b>
Biochemistry 600		
Biochemistry 610		