

## BIOCHEMISTRY

Possible 4 year Plan of Study  
(132 Credit Hours Required for Graduation)

### Freshman Year

<i>First Semester</i>		<i>Second Semester</i>	
1 cr	AGR 10100/11500 (Intro to College and Purdue)	3 or 4	Biology II (BIOL 13100 or 11100)**
2	BCHM 10000 (Introduction to Biochemistry)	4	CHM 11600 (General Chemistry)
2 or 4	Biology I (BIOL 12100 or 11000)*	4	ENGL 10600 (English Composition)
4	CHM 11500 (General Chemistry)	3	Calculus II (MA 23200 or 22400)
3	COM 11400 (Fundamentals of Speech Com.)	3	Social Sciences Selective
3	Calculus I (MA 23100 or 22300)		
15 or 17		17 or 18	

### Sophomore Year

<i>Third Semester</i>		<i>Fourth Semester</i>	
3	BCHM 22100 (Analytical Biochemistry)	1	BCHM 29000 (Experimental Design)
3	BIOL 23100 (Cell Structure and Function)	2	BCHM 32200 (Analytical Biochemistry)
2	BIOL 23200 (Cell Structure and Function Lab)	3	BCHM 36100 (Molecules)
3	CHM 25500 (Organic Chemistry I)	3	CHM 25600 (Organic Chemistry II)
1	CHM 25501 (Organic Chemistry Lab)	1	CHM 25601 (Organic Chemistry Lab)
3	Humanities Selective	4 or 5	Genetics (AGRY 32000/32100 or BIOL 24100/24200)***
3	Unrestricted Elective	3	Social Science, Humanities or Multicultural Awareness Selective
18		17 or 18	

### Junior Year

<i>Fifth Semester</i>		<i>Sixth Semester</i>	
1	BCHM 39000 (Professional Development)	3	AGEC 21700 (Economics)
3	BCHM 46200 (Metabolism)	4	PHYS 22100 (General Physics)
4	PHYS 22000 (General Physics)	3	Science Selective
3	Adv. Com/Engl Selective	3	Social Science, Humanities or International Understanding Selective
3	Science Selective	4	Unrestricted Elective
3	Unrestricted Elective		
17		17	

### Senior Year

<i>Seventh Semester</i>		<i>Eighth Semester</i>	
3	BCHM 46300 (Macromolecular Machines)	2	BCHM 46500 (Bchm of Life Processes)
1	BCHM 49800 (Undergrad Research)	1	BCHM 49000 (Undergrad Seminar)
3	STAT 50300 (Statistics)	2	BCHM 49800 (Undergrad Research)
3	Humanities Selective	4	CHM 37200 (Physical Chemistry)
3	Social Science, Humanities or International Understanding Selective (30000-level or higher)	3	Social Science, Humanities or International Understanding Selective
3	Unrestricted Elective	3	Science Selective
16		15	

\* If BIOL 110 is selected, reduce science selective credits by one.

\*\* If BIOL 11100 is selected, reduce science selective credits by one.

\*\*\* If BIOL 24200 is selected, reduce science selective credits by one.