

**Bachelor of Science in Chemistry-Biochemistry Track (BCH)
Math 100 Placement**

Freshman Year			
Fall Semester		Spring Semester	
Course	Credit Hours	Course	Credit Hours
Int. Algebra: Math 100	3	Gen Chem I: CH 101	4
Bio I: 114/115 or 118 ¹	4	Pre-Calc Algebra: Math 112	3
Electives	9-12	Bio II: 116/117 or 120 ¹	4
		Electives	3-6
Total	15-16	Total	14-15
Summer			
Summer I		Summer II	
Course	Credit Hours	Course	Credit Hours
Pre-Calc Trig.: Math 113	3	Gen Chem II: CH 102	4
		Calc I: Math 125/145	4
Total	3	Total	8
Sophomore Year			
Fall Semester		Spring Semester	
Course	Credit Hours	Course	Credit Hours
Organic I: CH 231	3	Organic II: CH 232	3
Quant. Anal.: CH 223	4	Organic Lab I: CH 237	2
Calc II: Math 126/146	4	Physics II: PH 106 or 126	4
Physics I: PH 105 or 125	4	Calc III: Math 227/247	3-4
		Elective	3
Total	15	Total	16
Junior Year			
Fall Semester		Spring Semester	
Course	Credit Hours	Course	Credit Hours
Phys. Chem. I: CH 441 ^F	3	Phys. Chem. II: CH 442 ^S	3
Organic Lab II: CH 338 ^{F,W}	2	Phys. Chem. Lab: CH 448 ^{S,W}	2
Biochem I: CH 461 ^{2,F} or elective	3	Biochem II: CH 462 ^{2,F} or elective	3
Electives	6	Electives	6
Total	14	Total	14
Senior Year			
Fall Semester		Spring Semester	
Course	Credit Hours	Course	Credit Hours
Inorganic: CH 413 ^F	4	Biochem II: CH 462 ^{2,F} or elective	3
Biochem I: CH 461 ^{2,F} or elective	3	Biochem Lab: CH 463 ²	3
Electives	9	Electives	9
Total	16	Total	15

^F Course taught in fall only. ^S Course taught in spring only. ^W Writing course

¹ Prehealth students must take the freshman biology sequence. Non-prehealth students can take other elective courses. ² Prehealth students are advised to take CH 461 in the junior year to be ready for MCAT in spring of Junior year. CH 462 and 463 may be taken in spring of junior year or in senior year.

Elective courses include general education requirements (36 hours FC, FL/C, HU/L/FA; and HI/SB), minor(s) (optional), undergraduate research (CH 396, 398, 399), or other elective courses you choose. The chemistry major will fulfill your writing credit.

A total of 120 hours is required to graduate. A total of 36 300-400 level courses must be taken. You will get 23 upper level hours in the chemistry major with required courses.