

**Bachelor of Science in Chemistry-Biochemistry Track (BCH)
Math 112 or 115 Placement**

Freshman Year			
Fall Semester		Spring Semester	
Course	Credit Hours	Course	Credit Hours
Gen Chem I: CH 101/117	4	Gen Chem II: CH 102/118	4
Bio I: 114/115 or 118 ¹	4	Bio II: 116/117 or 120 ¹	4
Math 112 or 115 ²	3	Math ²	3-4
Elective	3-6	Elective	3-6
Total	14-15	Total	14-15
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
Math ²	4	Physics II: PH 106 or 126	4
Physics I: PH 105 or 125	4	Math ²	3-4
		Elective	3
Total	15	Total	15-16
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 Start in highest math placement. Must complete MATH 227 before fall of Junior year (CH 441). Students starting in Math 112 will need to one math summer class to stay on track. ³

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.