

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

<b>Freshman Year</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
<b>Course</b>	<b>Credit Hours</b>	<b>Course</b>	<b>Credit Hours</b>
Int. Algebra: Math 100	3	Gen Chem I: CH 101	4
Bio I: 114/115 or 118 <sup>1</sup>	4	Pre-Calc Algebra: Math 112	3
Electives	9-12	Bio II: 116/117 or 120 <sup>1</sup>	4
		Electives	3-6
<b>Total</b>	<b>15-16</b>	<b>Total</b>	<b>14-15</b>
<b>Summer</b>			
<b>Summer I</b>		<b>Summer II</b>	
<b>Course</b>	<b>Credit Hours</b>	<b>Course</b>	<b>Credit Hours</b>
Pre-Calc Trig.: Math 113	3	Gen Chem II: CH 102	4
		Calc I: Math 125/145	4
<b>Total</b>	<b>3</b>	<b>Total</b>	<b>8</b>
<b>Sophomore Year</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
<b>Course</b>	<b>Credit Hours</b>	<b>Course</b>	<b>Credit Hours</b>
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
		Electives	3
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15-16</b>
<b>Junior Year</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
<b>Course</b>	<b>Credit Hours</b>	<b>Course</b>	<b>Credit Hours</b>
Phys. Chem. I: CH 441 <sup>F</sup>	3	Phys. Chem. II: CH 442 <sup>S</sup>	3
Organic Lab II: CH 338 <sup>F,W</sup>	2	Phys. Chem. Lab: CH 448 <sup>S,W</sup>	2
Biochem I: CH 461 <sup>2,F</sup> or elective	3	Electives	9
Electives	6		
<b>Total</b>	<b>14</b>	<b>Total</b>	<b>14</b>
<b>Senior Year</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
<b>Course</b>	<b>Credit Hours</b>	<b>Course</b>	<b>Credit Hours</b>
Inorganic: CH 413 <sup>F</sup>	4	Instrum. Anal.: CH 424 <sup>S,W</sup>	4
Biochem I: CH 461 <sup>2,F</sup> or elective	3	Elective	12
Electives	9		
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>16</b>

<sup>F</sup> Course taught in fall only. <sup>S</sup> Course taught in spring only. <sup>W</sup> Writing course

<sup>1</sup> Prehealth students must take the freshman biology sequence. Non-prehealth students can take other elective courses. <sup>2</sup> Prehealth students are advised to take CH 461 in the junior year to be ready for MCAT in spring of Junior 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 21 upper level hours in the chemistry major with required courses.