

Name: Banner ID: Catalog Entry Date:

**Department of Natural Sciences, Pharmacy & Health Professions**  
**Plan of Study**  
**Degree: Chemistry**



**YEAR 1**

<b>FALL</b>	<b>CR</b>	<b>GR</b>	<b>SPRING</b>	<b>CR</b>	<b>GR</b>
CHEM 101 General Chemistry I	3		CHEM 102 General Chemistry II	3	
CHEM 101L General Chemistry I Lab	1		CHEM 102L General Chemistry II Lab	1	
ENGL 102 English Comp & Grammar	3		ENGL 103 English Comp & Vocabulary	3	
Natural Sciences/Mathematics Elective	3		MATH 165 Calculus of Single Variable	4	
UNIV 110 Freshman Seminar	1		UNIV 120 Freshman Seminar II	1	
Humanities/Fine Arts Elective	2		HIST 140/HIST 141 World Civilization	3	
HLTH 185 Health Concepts	2				
<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>15</b>	

**YEAR 2**

<b>FALL</b>	<b>CR</b>	<b>GR</b>	<b>SPRING</b>	<b>CR</b>	<b>GR</b>
CHEM 200 Additional Topics in Chemistry	3		CHEM 202 Quantitative Analysis	2	
BIOL 101/L General Biology I for Majors	4		CHEM 202L Quantitative Analysis Lab	2	
ENGL 201 World Literature	3		BIOL 102/L General Biology II for Majors	4	
MATH 265 Calculus of Single Variable II	4		Social/Behavioral Science Elective	3	
PE Elective	1		SPCH 314 Public Speaking	3	
			PSY 212 Psychology	3	
<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>17</b>	

**YEAR 3**

<b>FALL</b>	<b>CR</b>	<b>GR</b>	<b>SPRING</b>	<b>CR</b>	<b>GR</b>
CHEM 301 Organic Chemistry I	3		CHEM 205 Inorganic Chemistry/Lab	4	
CHEM 301L Organic Chemistry I Lab	1		CHEM 302 Organic Chemistry II	3	
CHEM 350 Chemistry Seminar	1		CHEM 302L Organic Chemistry II Lab	1	
PHYS 191 University Physics I	3		Core Elective	3	
PHYS 181L General Physics I lab	1		PHYS 192 University Physics II	3	
Core Elective	4		PHYS 182L General Physics II Lab	1	
Free Elective	3				
<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>15</b>	

**Year 4**

<b>FALL</b>	<b>CR</b>	<b>GR</b>	<b>SPRING</b>	<b>CR</b>	<b>GR</b>
CHEM 401 Biochemistry I	3		CHEM 403 Physical Chemistry I	3	
CHEM 401L Biochemistry I Lab	1		CHEM 403L Physical Chemistry I Lab	1	
CHEM 405 Instrumental Methods	2		CHEM 450 Chemistry: Integrated Approach	3	
CHEM 405L Instrumental Methods	2		CHEM 499 Chemical Research	2	
Core elective	4		Free Electives	3	
Free Elective	3				

<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>12</b>	

