

2024 Academic Planning Form: CHEMISTRY B.A.

As of 1/12/2021

Example Sequence for CHEMISTRY B.A. (most electives can be chosen at student's discretion.)

	Fall Semester	# of Credits	Spring Semester	# of Credits	Total Year Credits
<b>1<sup>st</sup> Year</b>	DWC 101 (4 credit hrs; Honors 5 credit hrs)	4	DWC 102 (4 credit hrs; Honors 5 credits hrs)	4	
	MTH 131 Calc & Analytical Geometry I	4	MTH 132 Calc & Analytical Geometry II	4	
	CHM 121 Intro Chemistry I w/ Lab	4	CHM 122 Intro Chemistry II w/ Lab	4	
	CHM 479 Chemistry in the Modern World	3	Free Elective	3	
		<b>15</b>		<b>15</b>	<b>30</b>
<b>2<sup>nd</sup> Year</b>	DWC 201 (4 credit hrs; Honors 5 credit hrs)	4	DWC 202 (4 credit hrs; Honors 5 credits hrs)	4	
	CHM 221 Organic Chemistry I w/ Lab	4	CHM 222 Organic Chemistry II w/ Lab	4	
	EPS 101 General Physics I w/ Lab	4	EPS 102 General Physics II w/ Lab	4	
	Free Elective	3	Free Elective	3	
		<b>15</b>		<b>15</b>	<b>30</b>
<b>3<sup>rd</sup> Year</b>	CHM 331 Adv. Analytical Chemistry I w/ Lab	4	CHM 321 Physical Chemistry I	3	
	CHM 381 Chemistry Seminar	1	CHM 382 Chemistry Seminar	2	
	Free Elective	3	Theology II core	3	
	Theology I core	3	Free Elective	3	
	Free Elective	3	Free Elective	3	
			Free Elective	3	
		<b>14</b>		<b>17</b>	<b>31</b>
<b>4<sup>th</sup> Year</b>	CHM 401 Inorganic Chemistry w/ Lab	4	*Science Elective	3	
	CHM 481 Chemistry Seminar	2	CHM 482 Chemistry Seminar	0	
	Philosophy Ethics core	3	Philosophy core	3	
	Fine Arts core	3	Free Elective	3	
	Free Elective	3	Free Elective	3	
			Free Elective	3	
		<b>15</b>		<b>15</b>	<b>30</b>
<b>*Graduation Requirement includes a minimum of 120 credit hours*</b>			<b>Total Program of Study Credits</b>		<b>121</b>
<i>For Study Abroad - Spring of the junior year following consultation with department chair.</i>					
<b>Core requirements include a foundational component and satisfaction of all proficiencies.</b>					
<b>Foundational Component:</b>			<b>Proficiencies:</b>		
<ul style="list-style-type: none"> <li>DWC - 4 semester sequence, 16-20 cr.</li> <li>Theology (200 &amp; 300 level) - 6 cr.</li> <li>Philosophy (1 Ethics) - 6 cr.</li> <li>Natural Science - 3 cr. (CHM 121/121L)</li> <li>Social Science - 3 cr.</li> <li>Quantitative Reasoning - 3 cr. (MTH 131 or MTH 132)</li> <li>Fine Arts - 3 cr.</li> </ul>			<ul style="list-style-type: none"> <li>Intensive Writing - I</li> <li>Intensive Writing - II (CHM 222L/CHM 321/CHM 331L/CHM 401L)</li> <li>Diversity</li> <li>Civic Engagement</li> <li>Oral Proficiency (CHM 381/382/481/482)</li> </ul>		
<b>Major Requirements (CHM BA Courses):</b>					
<ul style="list-style-type: none"> <li>CHM 121-122, 221-222, 321, 331, 381, 382, 401, 481, 482</li> <li>MTH 131-132</li> </ul>			<ul style="list-style-type: none"> <li>EPS 101-102</li> <li>*Science Elective (Chosen from BIO 103-104 or advanced courses in BIO, CHM, EPS, or MTH)</li> </ul>		