

2026 Academic Planning Form: CHEMISTRY B.S.

As of 5/23/2022

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

	Fall Semester	# of Credits	Spring Semester	# of Credits	Total Year Credits	
1 st Year	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 (Quantitative Reasoning Core)	4	MTH 132 Calc & Analytical Geometry II	4		
	CHM 121 Intro Chemistry I w/ Lab (Natural Science Core)	4	CHM 122 Intro Chemistry II w/ Lab	4		
	CHM 120 Chemists to the Rescue (Intensive Writing I Proficiency & Civic Engagement Proficiency)	3	Philosophy Core	3		
		15		15		30
2 nd Year	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 (Intensive Writing II Proficiency)	4		
	EPS 101 General Physics I w/ Lab	4	EPS 102 General Physics II w/ Lab	4		
	Free Elective	3	Free Elective	3		
		15		15		30
3 rd Year	CHM 331 Adv. Analytical Chemistry I w/ Lab	4	CHM 321 Physical Chemistry I	3		
	CHM 332 Organic Analysis w/Lab	2	CHM 321L Physical Chemistry I Lab	1		
	CHM 432 Adv. Analytical Chemistry II w/Lab	2	CHM 309 Biochemistry	3		
	CHM 381 Chemistry Seminar (Oral Communication Proficiency)	1	CHM 382 Chemistry Seminar	2		
	Theology I Core	3	Theology II Core	3		
	Free Elective	3	Free Elective	3		
		15		15		30
	4 th Year	CHM 401 Inorganic Chemistry	3	CHM 401L Inorganic Chemistry Lab		1
CHM 311 Chemistry of Materials w/ Lab		2	CHM 482 Chemistry Seminar	0		
CHM 322 Physical Chemistry II w/ Lab		2	Free Elective	3		
CHM 481 Chemistry Seminar		2	Free Elective	3		
Fine Arts Core		3	Free Elective	3		
Free Elective		3	Free Elective	3		
			Free Elective	3		
		15		16	31	
Graduation Requirement includes a minimum of 120 credit hours		Total Program of Study Credits			121	
For Study Abroad - Spring of the junior year following consultation with department chair. Please Note CHM 311, CHM 322, CHM 332, and CHM 432 are offered alternate years.						
Core requirements include a foundational component and satisfaction of all proficiencies.						
Foundational Component:			Proficiencies:			
<ul style="list-style-type: none">DWC - 4 semester sequence, 16-20 cr.Theology (200 & 300 level) - 6 cr.Philosophy (1 Ethics) - 6 cr.Natural Science - 3 cr. (CHM 121/121L)Social Science - 3 cr.Quantitative Reasoning - 3 cr. (MTH 131 or MTH 132)Fine Arts - 3 cr.			<ul style="list-style-type: none">Intensive Writing - I (CHM 120)Intensive Writing - II (CHM 222L/CHM 321/CHM 331L/CHM 401L)DiversityCivic Engagement (CHM120)Oral Proficiency (CHM 381/382/481/482)			
Major Requirements (CHM BS Courses):						
<ul style="list-style-type: none">CHM 121-122, 221-222, 311, 321-321L, 322-322L, 331, 332, 381, 382, 401,432, 481, 482MTH 131-132EPS 101-102						