

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
1st 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	4	MTH 132 Calc & Analytical Geometry II	4	
	CHM 121 Intro Chemistry I w/ Lab	4	CHM 122 Intro Chemistry II w/ Lab	4	
	<i>Social Science core</i>	3	<i>Philosophy core</i>	3	
		15		15	
2nd 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	4	
	EPS 101 General Physics I w/ Lab	4	EPS 102 General Physics II w/ Lab	4	
	<i>Core Focus elect. - part 1</i>	3	<i>Core Focus elect. - part 2</i>	3	
		15		15	
3rd 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	1	CHM 382 Chemistry Seminar	2	
	<i>Theology I core</i>	3	<i>Theology II core</i>	3	
	<i>Free elective</i>	3	<i>Free elective</i>	3	
		15		15	
4th Year	CHM 401 Inorganic Chemistry w/ Lab	4	CHM 482 Chemistry Seminar	0	
	CHM 311 Chemistry of Materials w/ Lab	2	<i>Philosophy Ethics core</i>	3	
	CHM 322 Physical Chemistry II w/ Lab	2	<i>Free elective</i>	3	
	CHM 481 Chemistry Seminar	2	<i>Free elective</i>	3	
	<i>Fine Arts core</i>	3	<i>Free elective</i>	3	
	<i>Free elective</i>	3	<i>Free elective</i>	3	
		16		15	
Graduation Requirement includes a minimum of 120 credit hours			Total Program of Study Credits		121

Foundational Component:

DWC - 4 semester sequence, 16-20 cr.
 Theology (Grp I & II) - 6 cr.
 Philosophy (1 + Ethics) - 6 cr.
 Natural Science - (*CHM 121/121L*)
 Social Science - 3 cr.
 Quantitative Reasoning - (*MTH 131 or MTH 132*)
 Fine Arts - 3 cr.

Proficiencies: (many proficiencies can be attained by completion of designated Foundational and Core Focus courses.)

Intensive Writing - I
 Intensive Writing - II (*CHM 222L/CHM 321/CHM 331L/CHM 401L*)
 Oral Communication (*CHM 381/382/481/482*)
 Diversity
 Civic Engagement

Core Focus/Concentration:

2 courses/ 6 cr. from either the same core discipline, language, **or** theme
 (It is strongly recommended that students wishing to pursue their study of Chemistry in graduate school take 2 extra MTH courses to complete the Core Focus.)
[#]Students completing the Liberal Arts Honors Program automatically satisfy the core focus requirement.

Major Requirements:

CHM 121-122, 221-222, 311, 321-321L, 322-322L
 331, 332, 381, 382, 401,432, 481, 482
 MTH 131-132
 EPS 101-102

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.