

Central Connecticut State University		Address:	Name:
1615 Stanley Street			
New Britain, Connecticut 06053-4010			ID#
			email
Effective Spring 2016			
			BS in Chemistry--General Track
			Department of Chemistry & Biochemistry

General Education		Major Requirements (37 cr)		Graduation Requirements	
Study Area I - Arts and Humanities (9)		Core Requirements (26 credits)		Six credit designated "international"	
<input type="checkbox"/>	Literature 3	<input type="checkbox"/>	CHEM 161 & 162 General Chemistry/Lab 4	<input type="checkbox"/>	met:
<input type="checkbox"/>		<input type="checkbox"/>	CHEM 200 & 201 Foundations of Analytical/Lab 4	<input type="checkbox"/>	First Year Experience requirement
<input type="checkbox"/>		<input type="checkbox"/>	CHEM 210 & 211 Foundations of Organic/Lab 4	<input type="checkbox"/>	met:
Study Area II - Social Sciences (9)		<input type="checkbox"/>	CHEM 212 & 213 Organic Synthesis/Lab 4	<input type="checkbox"/>	
<input type="checkbox"/>	HIST 3	<input type="checkbox"/>	CHEM 238 Intro to Research 1	<input type="checkbox"/>	Electives (to complete the required 122)
<input type="checkbox"/>		<input type="checkbox"/>	CHEM 260 Foundations of Inorganic 4	<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	CHEM 316 Spec ID of Organic Cpds 3	<input type="checkbox"/>	
Study Area III - Behavioral Sciences (6)		<input type="checkbox"/>	CHEM 332 Chemical Literature 1	<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	CHEM 432 Chemistry Seminar 1	<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	CHEM 438 Chemistry Research 1	<input type="checkbox"/>	
Study Area IV - Natural Sciences(6-7)		Additional requirements (10 credits)		<input type="checkbox"/>	
X	PHYS 121 or 125 4	6 credits from:		<input type="checkbox"/>	
X	PHYS 122 or 126 4	<input type="checkbox"/>	CHEM 354 OR 406 OR 485 3	<input type="checkbox"/>	
Skill Area I - Communication Skills (6)		<input type="checkbox"/>	CHEM 320 OR 321 OR 322 3	<input type="checkbox"/>	
<input type="checkbox"/>	ENG 110 3	4 credits from		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	CHEM 402 OR 4	<input type="checkbox"/>	
Skill Area II - Mathematical (6)		<input type="checkbox"/>	CHEM 460 WITH 3	<input type="checkbox"/>	
X	MATH 152 4	<input type="checkbox"/>	CHEM 323 OR 455 OR 462 1	<input type="checkbox"/>	
Skill Area III - Foreign Language		Related Requirements		<input type="checkbox"/>	
<input type="checkbox"/>	3 sequential years of one foreign language at the high school level	<input type="checkbox"/>	MATH 152 Calc I 4	<input type="checkbox"/>	
<input type="checkbox"/>	passed the foreign language exam.	<input type="checkbox"/>	PHYS 121 or 125 4	<input type="checkbox"/>	
<input type="checkbox"/>	completed 112 or 114 foreign language courses	<input type="checkbox"/>	PHYS 122 or 126 4	<input type="checkbox"/>	
<input type="checkbox"/>	completed above 112 or 114 foreign language course demonstration of native proficiency in a language other than English	<input type="checkbox"/>		<input type="checkbox"/>	
Skill Area IV - Univ. Requirements (2-3)		<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>	PE 144 Fitness/ Wellness 2	<input type="checkbox"/>		<input type="checkbox"/>	

BS in Chemistry—General Track.

	Fall		Spring	
Year One	CHEM 161	3	CHEM 200	3
	CHEM 162	1	CHEM 201	1
	MATH 119	4	MATH 152	4
	ENG 110	3	GEN ED	3
	PE 144	2	GEN ED	3
			GEN ED	3
		13		17
Year Two	CHEM 210	3	CHEM 212	3
	CHEM 211	1	CHEM 213	1
	PHYS 121 OR 125	4	PHYS 122 OR 126	4
	GEN ED	3	CHEM 260	4
	GEN ED	3	CHEM 332 ^b	1
	CHEM 238 ^b	1	GEN ED	3
		15		16
Year Three ^a	CHEM 438 ^b	1	CHEM 432	1
	CHEM 316	3	CHEM Electives ^c	4
	CHEM 320 OR 321 OR 322 ^c	3	GEN ED	3
	CHEM Elective ^c	3	GEN ED	3
	GEN ED	3	Elective	3
	Elective	3		14
		16		
Year Four ^a	<i>Electives</i>		<i>Electives</i>	
		15		14

a Some CHEM classes are cycled, meaning they are offered once every four semesters. The cycling of courses may cause students to take certain CHEM courses in YEAR FOUR instead of the mapping sequence shown above.

b Students must be enrolled in or have taken CHEM 238 in order to meet the pre/co-requisite for CHEM 332. Students must be enrolled in or have taken CHEM 438 in order to meet the pre/co-requisite for CHEM 432.

c CHEM Electives are listed as Additional Requirements on the program sheet. Some courses may require additional MATH prerequisites. Consult your advisor.