





CENTRAL CONNECTICUT STATE UNIVERSITY


FOUR-YEAR ACADEMIC MAP



-  **Checkpoint:** The ideal time for completing a particular requirement (recommended).
-  **Warning:** This indicates that a milestone will soon be approaching (could delay graduation).
-  **Milestone:** A program or degree requirement that must be completed by this specific time in order to graduate in 4 years and/or continue in the major/program (required, cannot proceed)

Effective Term Fall 2013





BS Chemistry General Track


Semester 1	Cr.	Min. Gr.	Milestones
CHEM 161 General Chemistry	3	C-	 Students who do not place into MATH 119 will delay their schedule of CHEM and MATH
CHEM 162 General Chemistry Lab	1	C-	
MATH 119 Pre-calculus with trigonometry	4	C-	
ENG 110	3		
PE 144	2		
TOTAL	14		


Semester 2	Cr.	Min. Gr.	Milestones
CHEM 200 Foundations of Analytical Chemistry	3	C-	 Students who are behind in MATH will fall behind in CHEM as well; however, you will catch up in the sophomore year
CHEM 201 Foundations of Analytical Lab	1	C-	
MATH 152 Calculus I	4	C-	
General Education	3		
General Education	3		
General Education	3		
TOTAL	17		

Semester 3	Cr.	Min. Gr.	Milestones
CHEM 210 Foundations of Organic Chemistry	3	C-	 Students who took CHEM 161/162 in semester 2 should also take CHEM 200/201 this semester  Students should complete MATH 152 no later than this semester.
CHEM 211 Foundations of Organic Lab	1	C-	
PHYS 121 OR PHYS 125	4		
General Education	3		
General Education	3		
General Education	3		
TOTAL	17		

Semester 4	Cr.	Min. Gr.	Milestones
CHEM 212 Organic Synthesis	3	C-	
CHEM 213 Organic Synthesis Lab	1	C-	
CHEM 260 Foundations of Inorganic Chemistry	3	C-	
PHYS 122 OR 126	4		
General Education			
TOTAL	14		

Semester 5	Cr.	Min. Gr.	Milestones
CHEM 316 Spec ID of Organic Compounds	3	C-	 Some CHEM classes are cycled, meaning they are offered once every four semesters.  The cycling of courses may cause students to take certain courses in Year Four.  CHEM Electives are listed as Additional Requirements on the program sheet. Some courses have additional MATH prereqs.  Talk with your adviser about research opportunities both at CCSU and at other institutions.
CHEM 320 OR 321 OR 322	3	C-	
Chemistry Elective	3	C-	
General Education	3		
Electives	3		
TOTAL	15		

Semester 6	Cr.	Min. Gr.	Milestones
CHEM 238 Introduction to Research	1	C-	 You must fill out an independent research form for CHEM 238.
CHEM 432 Chemistry Seminar	2	C-	
CHEM Electives	4	C-	
General Education	3		
General Education	3		
Electives	3		
TOTAL	16		

Semester 7	Cr.	Min. Gr.	Milestones
CHEM 438 Chemical Research	1	C-	 You must fill out an independent research form for CHEM 438
Electives	13		
TOTAL	14		

Semester 8	Cr.	Min. Gr.	Milestones
Electives	14		
TOTAL	14		

TOTAL 122

This academic map is not a contract, either expressed or implied, between the University and the student, but represents a flexible program of the current curriculum which may be altered from time to time to carry out the academic objectives of the University. The University reserves the right to change, delete or add to any Map at any time within the student's period of study at the University.