

Courses that are CAPITALIZED are considered "critical" to timely degree progression.

Course ID	Course Title	Credit hours	Core Requirement	Important Notes	Term Taken
Year One: Fall 12 week (12 credit hours)					
CHEM 12000	Structure and Bonding	4	SM		
MATH 19800	Calculus I	4	MM		
FRCL 10101	First Year Colloquium	4			
Year One: Fall 3 week (3 credit hours)					
	Hiram Core Requirement	3			
Year One: Spring 12 week (12 credit hours)					
CHEM 12100	Introduction to Chemical Analysis	4			
MATH 19900	Calculus II	4			
FSEM 10201	First Year Seminar	4			
Year One: Spring 3 week (3-4 credit hours)					
CHEM 24000	Quantitative Analysis	4			
Year Two: Fall 12 week (12 credit hours)					
CHEM 22000	Introduction to Organic Chemistry	4			
PHYS 21300	Fundamentals of Physics I	4			
	Foreign Language Requirement	4			
Year Two: Fall 3 week (3-4 credit hours)					
	Foreign Language Requirement	3-4			
Year Two: Spring 12 week (12 credit hours)					
CHEM 32000	Intermediate Organic Chemistry	4			
PHYS 21400	Fundamentals of Physics II	4			
	Interdisciplinary Requirement	4			
Year Two: Spring 3 week (3-4 credit hours)					
	Hiram Core Requirement	3-4			
Year Three: Fall 12 week (12 credit hours)					
CHEM 35000	Physical Chemistry I	4			
	Hiram Core Requirement	4			
	Elective	4			
Year Three: Fall 3 week (3-4 credit hours)					
CHEM 38100	Special Topics in Chemistry	4			
Year Three: Spring 12 week (12 credit hours)					
CHEM 23000	Introduction to Inorganic Chemistry	4		Offered every other year in even springs	
	Hiram Core Requirement	4			
	Elective	4			
Year Three: Spring 3 week (3-4 credit hours)					
	Elective	3-4			
Year Four: Fall 12 week (12 credit hours)					
	Hiram Core Requirement	4			
	Elective	4			
	Elective	4			
Year Four: Fall 3 week (3-4 credit hours)					
	Interdisciplinary Requirement	3-4			

Courses that are CAPITALIZED are considered "critical" to timely degree progression.

Course ID	Course Title	Credit hours	Core Requirement	Important Notes	Term Taken
Year Four: Spring 12 week (12 credit hours)					
CHEM 48000	Senior Seminar	1			
	Elective	4			
	Elective	4			
Year Four: Spring 3 week (3-4 credit hours)					
	Elective	3-4			

Minimum Total Program Hours	Minimum Required Major GPA	Minimum Required Cumulative GPA
120	2.00	2.00

Hiram Core: Ways of Knowing Category	Qualifying Course(s) in Program	Fulfilled or Required	Term Taken
Creative Methods (CM)		Required	
Interpretive Methods (IM)		Required	
Modeling Methods (MM)	Math 19800 and 19900	Required	
Scientific Methods (SM)	CHEM 12000, 12100; PHYS 21300, 21400	Required	
Social and Cultural Analysis (CA)		Required	
Experiencing the World (EW)		Required	
Understanding Diversity (UD)		Required	
Meaning, Ethics and Social Responsibility (ES)		Required	
Interdisciplinary Requirement (INTD)		Required	

Foreign language requirement note: students placing out of the foreign language requirement should take an elective, second major or minor course.

PATHWAY NOTE: This is a recommended Major Pathway; individual pathways may vary. Advisor consultation is a vital part of timely graduation.