

# UNION COLLEGE

Chemistry Major  
Bachelor of Science Curriculum Plan  
54 - 56 Hours

Student

ID#

Advisor

## Chemistry Major (54-56)

Course	Hours	Transfer/Substitution/Notes	Final Grade
CHEM 121: General Chemistry I	4		
CHEM 122: General Chemistry II	4		
CHEM 212: Analytical Chemistry	4		
CHEM 311: Organic Chemistry I	5		
CHEM 312: Organic Chemistry II	5		
CHEM 314: Physical Chemistry Lab	1		
CHEM 332: Physical Chemistry*	3		
GNSC 471: Science Seminar	1		
MATH 241: Differential Calculus and Analytic Geometry	4		
MATH 242: Integral Calculus and Analytic Geometry	4		
PHYS 211: General Physics I*	4		
PHYS 212: General Physics II*	4		
PHYS 213: Gen. Physics Lab I	1		
PHYS 214: Gen. Physics Lab II	1		
PHYS 331: Heat and Thermodynamics*	3		
Students will complete 6 or more hours of 300+ level Chemistry electives			
Elective 1:			
Elective 2:			

\* Students should be aware that these courses have Math prerequisites beyond MATH 241.