

Chemistry Major  
Bachelor of Arts Curriculum Plan  
44-48 Hours

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Student

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ID#

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Advisor

### Chemistry Major (44-48 Hours)

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 314: Physical Chemistry Lab	1		
CHEM 411: Inorganic Chemistry	4		
MATH 241: Differential Calculus & Analytic Geometry	4		
GNSC 471: Science Seminar	1		
Students will complete one of the following Physical Chemistry courses.			
CHEM 313: Descriptive Physical Chemistry	3		
CHEM 332: Physical Chemistry*	3		
PHYS 331: Heat & Thermodynamics*	3		
Students will complete two semesters of Physics with lab courses: either the College Physics Track or the General Physics Track.			
<i>College Physics Track (algebra based)</i>			
PHYS 111: College Physics I	3		
PHYS 112: College Physics II	3		
PHYS 113: College Physics Lab I	1		
PHYS 114: College Physics Lab II	1		
<b>OR</b>			
<i>General Physics Track (calculus based)</i>			
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		
Students will complete 6 to 8 credit hours of electives from Chemistry, Physics, or MATH (MATH 132 or higher).			
Elective 1:			
Elective 2:			

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