

# CHEMISTRY MAJOR (NON-COMPREHENSIVE)

## Requirements

### 30 Chemistry credits plus 8 Physics credits

This Chemistry Major is designed for students who would like to earn a major in Chemistry to accompany a minor or major in another discipline. By taking additional coursework students have the option to earn the comprehensive Chemistry major or complete necessary pre-requisites required of most Chemistry graduate programs. Consult with your advisor and the relevant post-graduate programs regarding additional requirements.

Code	Title	Hours
<b>Required Chemistry Courses</b>		
CHEM 105	General Chemistry I	5.00
CHEM 106	General Chemistry II	4.00
Recommended:		
CHEM 107	Supplementary Problems in General Chemistry II	1.00
CHEM 305	Quant Analysis Lecture	3.00
CHEM 306	Quantitative Analysis Laboratory	2.00
CHEM 320	Organic Chemistry Lecture I	3.00
CHEM 321	Organic Chem Lecture II	3.00
CHEM 322	Organic Chemistry Lab I	1.00
CHEM 323	Organic Chemistry Lab II	1.00
CHEM 327	Molecular Spectroscopy I	1.00
<b>Physical Chemistry</b>		
CHEM 341 or CHEM 345	Introductory Physical Chemistry Physical Chemistry Lect I	3.00-4.00
<b>Chemistry Elective</b>		
Select additional Chemistry classes CHEM 300 level or above		3.00
<b>Capstone</b>		
Select one of the following:		1.00
CHEM 491	Senior Research	
CHEM 497	Senior Seminar In Chemistry	
CHEM 498	Internship	
<b>Required Cognates</b>		
Select one of the following:		3.00-5.00
MATH 115	Precalculus	
MATH 151	Calculus for Business, Life, and Social Sciences	
MATH 240	Calculus and Analytic Geometry I (placement into)	
PHYS 107 or PHYS 201	Algebra-Based Physics I Calculus-Based Physics I	
PHYS 108 or PHYS 202	Algebra-Based Physics II Calculus-Based Physics II	
<b>Total Hours</b>		<b>34.00-37.00</b>