

College of Arts and Sciences 2025-2026 Degree Worksheet
CHEMISTRY MINOR

MINOR in CHEMISTRY: 35-39 Credits

Required Foundational Courses:

23 Credits

Course	Course Title	Credits	Grade
CHEM 101	General Chemistry I	3	
CHEM 101L	General Chemistry I Lab	1	
CHEM 102	General Chemistry II	3	
CHEM 102L	General Chemistry II Lab	1	
CHEM 230	Organic Chemistry I	3	
CHEM 230L	Organic Chemistry I Lab	1	
CHEM 305	Inorganic Chemistry	3	
MATH 157	Calculus-Analytic Geometry I	4	

One of the following two courses:

Course	Course Title	Credits	Grade
PHYS 111	General Physics I	4	
OR			
PHYS 121	Physics I	4	

One of the following three options:

12-16 Credits

Option One: Biochemistry

13 credits

Course	Course Title	Credits	Grade
CHEM 231	Organic Chemistry II	3	
CHEM 231L	Organic Chemistry II Lab	1	
CHEM 307	Biochemistry I	3	
CHEM 307L	Biochemistry I Lab	1	
CHEM 308	Biochemistry II	3	
CHEM	Special Topic CHEM 405-480	2	

Option Two: Physical Chemistry*

16 credits

Course	Course Title	Credits	Grade
CHEM 310	Analytical Chemistry	3	
CHEM 310L	Analytical Chemistry Lab	1	
MATH 258	Calculus - Analytical Geometry II	4	
PHYS 122	Physics II	4	

One of the following sets of courses and Labs:

CHEM 356	Thermodynamics & Kinetics	3	
CHEM 356L	Thermodynamics & Kinetics Lab	1	
OR			
CHEM 357	Quantum Chemistry	3	
CHEM 357L	Quantum Chemistry Lab	1	

Option Three: Environmental Chemistry

12 credits

Course	Course Title	Credits	Grade
CHEM 202	Applied Environmental Chemistry	3	
CHEM 202L	Applied Environmental Chemistry Lab	1	
CHEM 310	Analytical Chemistry	3	
CHEM 310L	Analytical Chemistry Lab	1	
CHEM 358L	Advanced Chemistry Lab	2	
CHEM	Special Topic CHEM 405-480	2	

***Option Two NOTE:**

PHYS 224 will substitute for CHEM 357 & CHEM 357L.