

CHEMISTRY MINOR

Minor Requirements

Organic Chemistry Concentration

Code	Title	Credits
Required Courses		
CHE 111	General Chemistry I	4
CHE 112	General Chemistry II	4
CHE 223	Organic Chemistry I ¹	4
CHE 224	Organic Chemistry II ¹	4
CHE 221	Analytical Methods and Techniques ^{1,2}	3-4
or CHE 326	Biochemistry	
or CHE 313	Essentials of Biochemistry	
or CHE 333	Advanced Organic Chemistry	
Total Credits		19-20

Physical Chemistry Concentration

Code	Title	Credits
Required Courses		
CHE 111	General Chemistry I	4
CHE 112	General Chemistry II	4
CHE 221	Analytical Methods and Techniques ¹	3
CHE 301	Physical Chemistry I: Quantum Mechanics and Spectroscopy ³	4
CHE 302	Physical Chemistry II: Thermodynamics, Molecular Interactions and Kinetics ³	4
Total Credits		19

¹ Reduced credits (effective from Spring, 2025) shown.

² CHE 221, CHE 326 and CHE 333 are choices for science majors and CHE 313 is for non-science majors.

³ Students must take CHE 200 Mathematical Methods for Physical Chemistry Mathematics for Physical Chemistry or MAT 236 Multivariable Calculus Multivariable Calculus before taking CHE 301 Physical Chemistry I: Quantum Mechanics and Spectroscopy Physical Chemistry I: Quantum Mechanics and Spectroscopy and CHE 302 Physical Chemistry II: Thermodynamics, Molecular Interactions and Kinetics Physical Chemistry II: Thermodynamics, Molecular Interactions and Kinetics.