

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	5
CHE 224	Organic Chemistry II	5
CHE 221	Analytical Methods and Techniques ²	3 or 4
or CHE 326	Biochemistry	
or CHE 313	Essentials of Biochemistry	
or CHE 333	Advanced Organic Chemistry	
Total Credits		21-22

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	4
CHE 301	Physical Chemistry I: Quantum Mechanics and Spectroscopy ¹	4
CHE 302	Physical Chemistry II: Thermodynamics, Molecular Interactions and Kinetics ²	4
Total Credits		20

¹ 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.

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