

# CHEMISTRY MINOR

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Students majoring in other fields who desire to obtain a minor in chemistry must complete the following courses:

Code	Title	Credits
CHM 1100 & CHM 1130	General Chemistry I and General Chemistry I Laboratory	5
CHM 1140 & CHM 1150	General Chemistry II and General Chemistry II Laboratory	5
CHM 1240 & CHM 1250	Organic Chemistry I and Organic Chemistry I Laboratory	5
CHM 2220	Organic Chemistry II	4
Select six additional credits earned at Wayne State University in Chemistry courses numbered 3000 or above, typically satisfied from a combination of the following: <sup>1</sup>		6
CHM 3000	Metals in Biology	
CHM 3020	Intermediate Inorganic Chemistry I	
CHM 3120	Analytical Chemistry	
CHM 5020	Intermediate Inorganic Chemistry II	
CHM 5160	Instrumental Analytical Chemistry	
CHM 5400	Biological Physical Chemistry	
CHM 5420	Physical Chemistry I	
CHM 5440	Physical Chemistry II	
CHM 5600	Survey of Biochemistry	
CHM 5510	Chemical Synthesis Laboratory	
CHM 6060	Materials Chemistry and Engineering	
CHM 6070	Advanced Bioinorganic Chemistry	
CHM 6120	Electroanalytical Chemistry	
CHM 6160	Separation Science	
CHM 6170	Advances in Bioanalytical Chemistry	
CHM 6180	Mass Spectrometry	
CHM 6200	Organic Structures and Mechanisms	
CHM 6220	Organic Reactions and Synthesis	
CHM 6240	Organic Spectroscopy	
CHM 6270	Advanced Bioorganic Chemistry and Drug Design	
CHM 6410	Statistical Thermodynamics	
CHM 6440	Computational Chemistry	
CHM 6620	Metabolism: Pathways and Regulation	
CHM 6635	Tools of Molecular Biology	
CHM 6640	Molecular Biology	
CHM 6680	Clinical and Molecular Aspects of Cancer	
CHM 6700	Green Chemistry: Mindful Design in Science, Engineering, and Medicine	
<b>Total Credits</b>		<b>25</b>

<sup>1</sup> Excluding research courses (CHM 2999, CHM 5998, CHM 5999, etc.).