

Chemistry Minor

This disciplinary minor also requires:

- Completion of an interdisciplinary major (<http://catalog.uwgb.edu/archive/2017-2018/undergraduate/planning/interdisciplinary-majors-minors>)

Code	Title	Credits
Supporting Courses		11
CHEM 211 & CHEM 213	Principles of Chemistry I and Principles of Chemistry I Laboratory	
CHEM 212 & CHEM 214	Principles of Chemistry II and Principles of Chemistry II Laboratory	
ENV SCI 207	Laboratory Safety	
Upper-Level Courses		12
CHEM 311	Analytical Chemistry	
Complete one of the following course groups:		
CHEM 300 & CHEM 301	Bio-Organic Chemistry and Bio-Organic Chemistry Laboratory	
CHEM 302 & CHEM 304	Organic Chemistry I and Organic Chemistry Laboratory I	
Choose 4 credits from the following elective courses:		
CHEM 303 & CHEM 305	Organic Chemistry II and Organic Chemistry Laboratory II	
CHEM 320 & CHEM 322	Thermodynamics and Kinetics and Thermodynamics and Kinetics Laboratory	
CHEM 321 & CHEM 323	Structure of Matter and Structure of Matter Laboratory	
CHEM 330 & CHEM 331	Biochemistry and Biochemistry Laboratory	
CHEM 407 & CHEM 408	Molecular Biology and Molecular Biology Laboratory	
CHEM 410 & CHEM 411	Inorganic Chemistry and Inorganic Chemistry Laboratory	
CHEM 413	Instrumental Analysis ¹	
CHEM 417	Nuclear Physics and Radiochemistry ¹	
CHEM 420 & CHEM 423	Polymer Chemistry and Polymer Chemistry Laboratory	

Total Credits

23

¹ Students must also complete one additional upper-level Chemistry lab course