

CHEMISTRY MINOR

Curriculum Requirements

A Chemistry Minor (<https://www.biola.edu/degrees/u/chemistry-minor/>) requires the completion of 22-25 credits. Six Chemistry minor credits must not count towards any other major or minor.

Code	Title	Credits
Program Courses		
CHEM 107	Introduction to Chemistry ¹	3
CHEM 105 & CHEM 115	General Chemistry I and General Chemistry I Lab	4
CHEM 106 & CHEM 116	General Chemistry II and General Chemistry II Lab	4
CHEM 301 & CHEM 311	Organic Chemistry I and Laboratory in Organic Chemistry I	4
CHEM 302 & CHEM 312	Organic Chemistry II and Laboratory in Organic Chemistry II	4
Select 6 credits from the following:		6
CHEM 332	Environmental Chemistry	
CHEM 350 & CHEM 351	Analytical Chemistry and Analytical Chemistry Lab	
CHEM 360	Inorganic Chemistry ²	
CHEM 380	Introduction to Physical Chemistry ²	
CHEM 390	Introduction to Food Chemistry	
CHEM 402	Physical Chemistry I ²	
CHEM 405	Physical Chemistry II ²	
CHEM 406	Physical Chemistry Lab ²	
CHEM 410	Instrumental Analysis	
CHEM 412 & CHEM 413	General Biochemistry II and Laboratory in General Biochemistry	
CHEM 420	Special Topics in Chemistry	
CHEM 430	Advanced Organic Chemistry	
CHEM 431	Advanced Organic Chemistry Lab	
CHEM 470	Seminar in Advanced Chemistry and Biochemistry ³	
CHEM 480	Internship ³	
CHEM 490	Directed Research ³	
Total Credits		22-25

¹ CHEM 107 is waived for students who meet the qualifications to enter CHEM 105, and they are required to complete a total of 22 credits for the minor. See the current Placement Options for (<https://www.biola.edu/academic-advising/incoming/placement-exams/chemistry-105/>)CHEM 105 for more information.

² Additional course(s), which are not minor requirements, are required as prerequisites. See department for advising.

³ A maximum of 3 credits may be taken between CHEM 470, CHEM 480 and CHEM 490.