

# CHEMISTRY MINOR

## Requirements

Students must complete the following academic requirements to receive a minor in Chemistry.

Code	Title	Units
CHEM-120 & 120L	General Chemistry I and General Chemistry I Lab	4
CHEM-121 & 121L	General Chemistry II and General Chemistry II Lab	4
CHEM-304 & 304L	Organic Chemistry I and Organic Chemistry Techniques I	4
CHEM-305 & 305L	Organic Chemistry II and Organic Chemistry Technqs II	4
Sub-discipline Electives		3-6
<b>Total Units</b>		<b>19-22</b>

In addition to General and Organic Chemistry, Chemistry minors are exposed to one more sub-discipline of chemistry. Each sub-discipline consists of a Lecture and Lab combination. The student may elect to complete a Lecture/Lecture combination in the Biochemistry and Physical Chemistry sub-disciplines or take a full year of biochemistry lecture instead of the usual Lecture/Lab combination. The following are the minor requirements:

Code	Title	Units
<b>Sub-discipline Electives</b>		<b>3-6</b>
Select one lecture/lab course from CHEM		
CHEM-252 & 252L	Analytical Chemistry and Analytical Chem Techniques	4
CHEM-430 & 430L	Biochemistry and Experimental Tech/Biochemistry	4-6
or CHEM-430 & CHEM-435	Biochemistry and Advanced Biochemistry	
CHEM-440 & 440L	Instrumental Analysis and Instrumental Analysis Lab	4
CHEM-456 & 456L	Physical Chemistry: Thermodynamics and Physical Chemistry Technique Lab	3-4
or CHEM-456 & CHEM-457	Physical Chemistry: Thermodynamics and Physical Chemistry: Kinetics	

