

# CHEMISTRY - PHYSICAL SCIENCES (MINOR)

This program was approved for students entering the university in the Summer 2025-Spring 2026 catalog year. For more information about catalog year, go to Catalog Year Information (<https://catalog.louisville.edu/undergraduate/university-wide-unit-specific-policies/catalog-year/>).

## Minor in Chemistry - Physical Sciences

Unit: College of Arts and Sciences (AS) (<http://louisville.edu/artsandsciences/>)

Department: Chemistry (<http://louisville.edu/chemistry/>)

Academic Plan Code(s): CHM2MINOR

## Program Requirements

Code	Title	Hours
CHEM 201	General Chemistry I - S ( <a href="https://catalog.louisville.edu/undergraduate/general-education-requirements/">https://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
CHEM 202	General Chemistry II - S ( <a href="https://catalog.louisville.edu/undergraduate/general-education-requirements/">https://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
CHEM 207 & CHEM 208	Introduction to Chemical Analysis I - SL ( <a href="https://catalog.louisville.edu/undergraduate/general-education-requirements/">https://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) Introduction to Chemical Analysis II - SL ( <a href="https://catalog.louisville.edu/undergraduate/general-education-requirements/">https://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	2
CHEM 209 & CHEM 210	Introduction to Chemical Analysis III Introduction to Chemical Analysis IV	2
CHEM 341	Organic Chemistry I	3
CHEM 441 or CHEM 465	Elements of Physical Chemistry Physical Chemistry I	3
Select one of the following:		3
CHEM 342	Organic Chemistry II	
CHEM 425	Instrumental and Statistical Analysis	
CHEM 466	Physical Chemistry II	
Select one of the following:		2-3
CHEM 426	Instrumental and Statistical Analysis Laboratory - WR ( <a href="https://catalog.louisville.edu/undergraduate/general-education-requirements/">https://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	
CHEM 450	Introduction to Computational Chemistry and Molecular Modeling	
CHEM 470	Physical Chemistry Laboratory - WR ( <a href="https://catalog.louisville.edu/undergraduate/general-education-requirements/">https://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	
CHEM 515	Inorganic Chemistry	
CHEM 550	Group Theory and its Chemical Applications	
<b>Minimum Total Hours</b>		<b>21-22</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.