

# Chemistry 2024-2025

## Advising Guide



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### GENERAL EDUCATION

Course #	Course Title	CR	
<b>Written Communication</b>			
ENGL 101	English Composition I	3	
ENGL 102	English Composition II	3	
<b>Oral Communication</b>			
COMM 101	Intro to Speech Communication	3	
<b>Mathematical Ways of Knowing</b>			
MATH 170	Calculus	5	
<b>Scientific Ways of Knowing</b>			
PHYS 111/L OR	General Physics with Lab II OR	4 or 5	
PHYS 211/L	Physics for Scientists and Engineers with Lab I		
CHEM 111/L	Principles of Chemistry 1 and Lab	4	
<b>Humanistic &amp; Artistic Ways of Knowing</b>			
Complete 2 courses from different disciplines		3	
		3	
<b>Social &amp; Behavioral Ways of Knowing</b>			
SCIE 102	Ethics in Science	3	
Choose 1 course of Psychology		3	
<b>Connecting With Ideas</b>			
CWID 101	Connecting with Ideas	3	
<b>Global Perspectives</b>			
Choose 1 course of Global Perspectives		3	
<b>Associates Requirements that meet LC State BA/BS Degree Requirements</b>			
CHEM 112L	Principles of Chemistry II and Lab	4	
CHEM 253	Quantitative Analysis	4	
CHEM 298/L	Organic Chemistry I and Lab	4	
CHEM 299/L	Organic Chemistry II and Lab	4	
PHYS 112/L OR	General Physics with Lab II OR	4 or 5	
PHYS 212/L	Physics for Scientists and Engineers with Lab II		
<b>Additional CWI courses that meet LC State BA/BS Degree Requirements</b>			
<b>CWI TOTAL</b>		<b>62</b>	

### PROGRAM REQUIREMENTS

Course #	Course Title	CR	
<b>Major Courses</b>			
CHEM 454	Instrumental Analysis	5	
CHEM 300	Physical Chemistry I	4	
CHEM 306	Physical Chemistry II	3	
CHEM 463	Inorganic Chemistry	4	
CHEM 481	Biochemistry I	4	
CHEM 353	Laboratory Preparation Techniques	2	
MATH 175	Calculus II	4	
<b>Electives</b>			
300/400	Any Natural Science Course	4	
General Electives		36	
<b>Integrative Seminar: Ethics &amp; Values</b>			
Student does not need this class when transferring with an AA or AS			
<b>Graduation Requirements</b>			
Resident Credits		32	
Upper Division Credits		36	
<b>TOTAL CWI &amp; LC State Credits</b>		<b>128</b>	

#### LC State Admissions

[www.lcsc.edu/admissions](http://www.lcsc.edu/admissions) or (208) 792-2378 [admissions@lcsc.edu](mailto:admissions@lcsc.edu)



Complete all required/elective coursework for the AA/AS degree at College of Western Idaho.

- This advising guide is based on completion of an Associate's degree (AA/AS) in Chemistry at the College of Western Idaho with additions made to meet lower division requirements.
- Students who transfer without being core complete may need to take additional LC State General Education core courses.
- 32 Residency (LC State) credits required for graduation/36 must be upper division.

At CWI a minimum grade of "C-" is required for Gen Ed courses and a minimum 2.0 GPA is required to qualify for Associate's Degree.