

# Secondary Education: Chemistry 2024-2025

## Advising Guide



Contact: CWI Advising | 208-562-3000 | onestop@cwidi.edu

### GENERAL EDUCATION

Course #	Course Title	CR	
<b>Written Communication</b>			
ENGL 101	Written Communication	3	
ENGL 102	Written Communication	3	
<b>Oral Communication</b>			
Students choice from GEM 2		3	
<b>Mathematical Ways of Knowing</b>			
MATH 170	Calculus 1	5	
<b>Scientific Ways of Knowing</b>			
PHYS 211/L OR PHYS 111/L	Physics for Scientists and Engineers 1 OR General Physics 1	5	
CHEM 111/L	Principles of Chemistry 1	5	
<b>Humanistic &amp; Artistic Ways of Knowing</b>			
Students choice from GEM 5		3 to 4	
Students choice from GEM 5 (must be different discipline then previously selected GEM 5)		3 to 4	
<b>Social &amp; Behavioral Ways of Knowing</b>			
EDUC 120***	Foundations of Education	3	
PSYC 101	General Psychology	3	
<b>Connecting with Ideas</b>			
CWID 101	Connecting with Ideas	3	
<b>Global Perspectives (choose one)</b>			
EDUC 200	Education Around the World	3	
<b>Additional CWI courses that also meet LC State BA/BS Degree Requirements</b>			
EDUC 220	Diversity in Schools (Min Grade B-)	3	
EDUC 280	Integrated Teaching and Field Experience	2	
EDUC 230	Introduction to Special Education (Min Grade B-)	3	
EDUC 150 or 250	Educational Technology I or II	3	
EDUC 290	Education Capstone	1	
CHEM 112/L	Principles of Chemistry 2	5	
CHEM 299/L	Organic Chemistry 2	5	
CHEM 298/L	Organic Chemistry 1	5	
PHYS 212/L OR PHYS 112/L	Physics for Scientists and Engineers 2 OR General Physics 2	5	
MATH 175	Calculus II	4	
***At CWI, students must select a GEM course that includes the "E" (Ethics) designation			
<b>CWI TOTAL</b>		<b>74 to 76</b>	



Contact: Royal Toy | 208-792-2730 | retoy@lsc.edu  
Contact: Rachel Jameton | 208-792-2597 |

### PROGRAM REQUIREMENTS

Course #	Course Title	CR	
<b>Major Courses</b>			
CHEM 300	Physical Chemistry 1 with LAB	4	
CHEM 306	Physical Chemistry 2	3	
CHEM 325	Quantitative Analysis	5	
CHEM 454	Instrumental Analysis	4	
CHEM 463	Inorganic Chemistry	4	
CHEM 481	Biochemistry	4	
<b>Teacher Education Requirements</b>			
ED 318	Assessment of Learning	3	
ED 321	Educational Psychology	3	
RE 309	Disciplinary Literacy	3	
ED 445	Instructional Strategies and Classroom Management	3	
ED 447	Teaching Methods in Chemistry	2	
<b>Internship:</b>			
ED 460	Professional Internship	12	
ED 452	Professional Seminar	1	
<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>131</b>	

### LC State Admissions

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



Complete all required/elective coursework for the AA/AS degree at the College of Western Idaho (60 credits minimum).

- This advising guide is based on completion of an Associate's degree (AA/AS) in Secondary 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.

A minimum grade of "C" or better and a minimum 3.0 GPA is required for all General Education courses. A minimum grade of "B-" or better is required in all Secondary Education Program courses. A minimum GPA of 3.0 must be maintained in the content area and in the cumulative overall grade point average.