

Secondary Education: Chemistry 2024-2025

Advising Guide



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GENERAL EDUCATION

Course #	Course Title	CR	
Written Communication			
ENGL 101	English Composition I	3	
ENGL 102	English Composition II	3	
Oral Communication			
COMM 101	Fundamentals of Oral Communication	3	
Mathematical Ways of Knowing			
MATH 170	Calculus 1	5	
Scientific Ways of Knowing			
CHEM 111/L	Principles of Chemistry 1/ Lab	5	
PHYS 111/L	General Physics I	4	
Humanistic & Artistic Ways of Knowing			
Complete 2 courses from different disciplines		3	
		3	
Social & Behavioral Ways of Knowing			
PSYC 101	General Psychology	3	
Complete 1 course (not Psychology)		3	
Wellness			
Gen Ed.	Wellness	2	
Introduction to General Education			
Gen Ed. 101	General Education	3	
Associates Requirements that meet LC State BA/BS Degree Requirements			
EDUC 201	Foundations of Education	3	
EDUC 202	Field Experience	1	
EDUC 204	Families, Communities, and Culture (<i>Min grade B-</i>)	3	
EDUC 205	Developmental/Individual Differences (<i>Min grade B-</i>)	3	
EDUC 215	Educational Technology	3	
Additional CSI courses that meet LC State BA/BS Degree Requirements			
CHEM 112	Principles of Chemistry 2	5	
PHYS 112	General Physics 2	4	
CHEM 298	Organic Chemistry 1	4	
CHEM 299	Organic Chemistry 2	4	
CSI TOTAL		70	

Course #	Course Title	CR	
Major Courses			
CHEM 300	Physical Chemistry I w/ Lab	4	
CHEM 306	Physical Chemistry II	3	
CHEM 325	Quantitative Analysis	3	
CHEM 325L	Quantitative Analysis Lab	2	
CHEM 454	Instrumental Analysis	4	
CHEM 463	Inorganic Chemistry	4	
CHEM 481	Biochemistry	4	
MATH 175	Calculus II	4	
Secondary Education Requirements			
ED 318	Assessment of Learning	3	
ED 321	Educational Psychology	3	
RE 309	Disciplinary Literacy	3	
ED 445	Instructional Strategies and Classroom Management, 6-12	3	
ED 447	Teaching Methods in the Content Area	2	
Internship:			
ED 452	Internship Seminar	1	
ED 460	Professional Internship in Education, 6-12	12	
Integrative Seminar: Ethics & Values			
Student does not need this class when transferring with an AA or AS			
Graduation Requirements			
Resident Credits		32	
Upper Division Credits		36	
TOTAL CSI & LC State Credits		125	
<p>LC State Admissions</p> <p>www.lsc.edu/admissions or (208) 792-2378 admissions@lsc.edu</p> <p>Ask about Co-Enrollment/Co-Admissions</p>			

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

- This advising guide is based on completion of an Associate's degree (AA/AS) in Education at the College of Southern 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.