


Secondary Education: Chemistry 2019-2020

Advising Guide



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GENERAL EDUCATION

Course #	Course Title	CR	
Written Communication			
ENGL 101	Written Communication	3	
ENGL 102	Written Communication	3	
Oral Communication			
Students choice from GEM 2		3	
Mathematical Ways of Knowing			
MATH 170	Calculus 1	5	
Scientific Ways of Knowing			
PHYS 211/L	Physics for Scientists and Engineers 1	5	
CHEM 111/L	Principles of Chemistry 1	5	
Humanistic & Artistic Ways of Knowing			
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	
Social & Behavioral Ways of Knowing			
EDUC 120***	Foundations of Education	3	
PSYC 101	General Psychology	3	
Connecting with Ideas			
CWID 101	Connecting with Ideas	3	
Global Perspectives (chose one)			
EDUC 200	Education Around the World	3	
Associates Requirments that meet LCSC BA/BS Degree Requirements			
EDUC 220	Diversity in Schools	3	
EDUC 290	Education Capstone	1	
EDUC 230	Introduction to Special Education	3	
EDUC 280	Integrated Teaching and Field Experience	2	
Additional CWI courses that meet LCSC BA/BS Degree Requirements			
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	Physics for Scientists and Engineers 2	5	
PSYC 201	Child and Adolescent Development	3	
***At CWI, students must select a GEM course that includes the "E" (Ethics) designation			
CWI MINIMUM		60	

Course #	Course Title	CR	
Major Courses			
CHEM 305	Physical Chemistry 1	3	
CHEM 306	Physical Chemistry 2	3	
CHEM 325	Quantitative Analysis	4	
CHEM 454	Instrumental Analysis	4	
CHEM 481	Biochemistry	4	
Major Electives			
Choose 7 credits upper division math or science credits		7	
Teacher Education Requirements			
ED 318	Assessment of Learning	3	
ED 321	Educational Psychology	3	
ED 445	Instructional Strategies and Classroom Management	3	
ED 447	Teaching Methods in Content Area	2	
ED 224	Technology in the Digital World	2	
RE 309	Disciplinary Literacy	3	
ED 424	Media and Technology for Teaching, K-12	2	
ED 460	Professional Internship	12	
ED 452	Professional Seminar	1	
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 CWI & LCSC Credits		130	

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 Education 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 LCSC General Education core courses.
- 32 Residency (LCSC) 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."