


College of Western Idaho to Lewis-Clark State College  
**Secondary Education: Biology 2023-2024**

Advising Guide



**CWI**  
College of Western Idaho

Contact: Doug Rapley | 208.562.3080 | dougrapley@cwidoaho.edu



**LC EXPRESS**


Contact: Mark Haynal | 208-792-2260 | mthaynal@lscsc.edu  
 Susan Steele | 208.792.2295 | scsteele@lscsc.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>			
COMM 101	Oral Communication	3	
<b>Mathematical Ways of Knowing</b>			
MATH 147	Precalculus	5	
<b>Scientific Ways of Knowing</b>			
BIOL 111/L	Biology 1 w/lab	5	
CHEM 111/111L	Chemistry 1 w/lab	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 (chose 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	3	
EDUC 230	Introduction to Special Education	3	
EDUC 280	Integrated Teaching and Field Experience	2	
EDUC 290	Education Capstone	1	
PSYC 201	Child and Adolescent Development	3	
BIOL 112/L	Biology 2 w/lab	5	
ANAT 221	Human Anatomy & Physiology 1	3	
CHEM 112/L	Principles of Chemistry 2 w/lab	5	
MMBS 111/L	Introduction to Microbiology	4	
PHYS 111/L OR PHYS 211/L	General Physics 1 OR Physics for Scientists and Engineers 1	4 to 5	
PHYS 112/L OR PHYS 212/L	General Physics 2 OR Physics for Scientist and Engineers 2	4 to 5	
MATH 170	Calculus I	4	
***At CWI, students must select a GEM course that includes the "E" (Ethics) designation			
<b>CWI TOTAL</b>		<b>&gt; 60</b>	

Course #	Course Title	CR	
<b>Major Courses</b>			
BIOL 331	Ecology	3	
BIOL 341	Genetics	4	
BIOL 372	Computational Biostatistics	4	
<b>Major Electives</b>			
Choose one of the following			
BIOL 401, 402, 403 or 404	Mammalogy, Ornithology, Ichthyology, Entomology	4	
<b>Secondary Education Requirements</b>			
ED 225	Technology for Teaching	3	
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 Science	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>&gt;128</b>	

**LC State Admissions**  
[www.lscsc.edu/admissions](http://www.lscsc.edu/admissions) or (208) 792-2378 [admissions@lscsc.edu](mailto:admissions@lscsc.edu)



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

- \*\*Math 170 is recommended for students planning to enter graduate or professional school and those in the Microbiology or Molecular Cell Biology emphasis
- This advising guide is based on completion of an Associate's degree (AA/AS) in Secondary Biology 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."