


**Biology (MMBS) 2018-2019**

Advising Guide



**CWI**  
College of Western Idaho  
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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>			
BIOL 111/L	Biology 1 and Lab	4	
CHEM 111/L	Principles of Chemistry 1	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	
PSYC 101	General Psychology	3	
<b>Connecting With Ideas</b>			
CWID 101	Connecting with Ideas	3	
<b>Global Perspectives</b>			
MMBS 106	Making Sense of Micro-biotic-me	3	
<b>Associates Requirements that meet LCSC BA/BS Degree Requirements</b>			
BIOL 112/L	Biology 2 and Lab	4	
MMBS 280/L	Genetics and Lab	4	
MMBS 250/L	General Microbiology and Lab	4	
CHEM 112/L	Principles of Chemistry 2 and Lab	4	
<b>Additional CWI courses that meet LCSC BA/BS Degree Requirements</b>			
MATH 253	Elementary Statistics	3	
PHYS 111/L or 211/L	General Physics 1 and Lab or Physics Scientists and Engineers 1 and Lab	4 to 5	
PHYS 112/L or 212/L	General Physics 2 and Lab or Physics Scientists and Engineers 2 and Lab	4 to 5	
BIOL 113/L	Biology 3: Introduction to Structure and Function and Lab	4	
<b>CWI MINIMUM</b>		<b>60</b>	

Course #	Course Title	CR	
<b>Major Courses</b>			
PHYS 111 or 211	General Physics I or Engineering Physics I	4	<b>X</b>
BIOL 213	Plant and Animal Form and Function	4	<b>X</b>
BIOL 341	Genetics	4	<b>X</b>
CHEM 371/373	Organic Chem I w/ Lab	4	
PHYS 112 or 212	General Physics or Engineering Physics II	4	<b>X</b>
MATH 253	Statistics	3	<b>X</b>
BIOL 380	Biology Seminar	1	
CHEM 481	Biochemistry 1	4	
BIOL 355 or BIOL 362	Microbiology or Cell and Molecular Biology	4	
<b>Major Electives</b>			
Choose 8 credits at the 200 level or above		8	
Choose 15 credits at the 300 level or above		15	
<b>General Electives</b>			
General Electives		21	
<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; LCSC Credits</b>		<b>128</b>	

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 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 LCSC General Education core courses.
- 32 Residency (LCSC) credits required for graduation/36 must be upper division.
- The "X" in the LCSC column indicates the class was likely transferred if student chose CWI elective.

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.