Natural Science - Biology, AS

Laramie County Community College

FRESHMAN YEAR

Fall Semester			Hrs	Spring Semester			Hrs
BIOL	1010	General Biology	4	BIOL	2022	Animal Biology	4
CHEM	1020	General Chemistry I	4	CHEM	1030	General Chemistry II	4
COLS	1000	First Year Seminar	3	MATH	1405	Trigonometry	3
MATH	1400	College Algebra		ENGL	1010	English I	3
	OR		3				
MATH	1401	College Algebra-STEM Specific					
		TOTAL	**14**			**TOTAL**	**14**

SOPHOMORE YEAR

Fall Semester			Hrs	Spring Semester			Hrs
CO/M	1010	Public Speaking	3	STAT	2050	Fundamentals of Statistics	4
MATH	2200	Calculus I	4			Aesthetic Analysis Elective	3
		Cultural Awareness Elective	3	PHYS	1120	General Physics II	4
PHYS	1110	General Physics I	4			Wyoming State Requirement	3
BIOL	2023	Biology of Plant & Fungi	4				
		TOTAL	**18**			**TOTAL**	**14**
						TOTAL LCCC AA DEGREE HOURS	**60**

Successful completion of the 2+2 plan requires that a student remain continuously enrolled and graduate with the associate's degree from his or her respective community college. • This is a guide for course work in the major; actual course sequence may vary by student. Please refer to the online student degree evaluation. • Not all courses are offered every semester and some electives may have prerequisites. Students should review the course descriptions in the catalogs of their respective institutions and consult with their academic advisor to plan accordingly. • Academic plans and course schedules may need to be altered if ACT or Math Placement scores require a student to take pre-college courses (e.g., MATH 0900, 0921, or 0925) before taking required math or English courses.

Laramie County Community College requirements:
In order to graduate, students must successfully complete a minimum of 60 credit hours, 15 of which must be from Laramie County Community College, with a grade point average of 2.0 or better at course level of 1000 or higher (ENGL 1001 does not apply).

University of Wyoming requirements:
Students must have a minimum cumulative GPA of 2.0 to graduate. • Students must complete 42 hours of upper division (3000-level or above) coursework, 30 of which must be from the University of Wyoming. • Courses must be taken for a letter grade unless offered only for S/U.

UW College of Arts and Sciences requirements:
Students must take two "core" courses in addition to UW's University Studies Program requirements: Diversity in the United States (ASD) and Global Awareness (ASG). • No more than 60 hours in the major subject may be used toward the 120 credit hours required for graduation. • At least 30 hours in the major subject must be completed with a grade of C or better (the major may require more).

Biology, BS

UW

University of Wyoming

JUNIOR YEAR

Fall Semester			Hrs	Spring Semester				Hrs
LIFE	3050	Genetics	4	MOLB	3610	Principles of Biochemistry		4
CHEM	2300	Introduction to Organic Chemistry	4	A&S		A&S Core Global Awareness	ASG	3
LIFE	3400	General Ecology	3	LIFE	3500	Evolutionary Biology		3
COSC	1010	Introduction to Computer Science	3			Elective		4
		TOTAL	**14**				**TOTAL**	**14**

SENIOR YEAR

Fall Semester			Hrs	Spring Semester		Hrs
BOT	4100	Scientific Communication	3	Upper Division Electives		16
LIFE	3600	Cell Biology	4			
		A&S Core Diversity in U.S. ASD	3			
		Upper Division Electives	6			
		TOTAL	**16**		**TOTAL**	**16**
					TOTAL UW HOURS	**60**
					TOTAL UW BA DEGREE HOURS	**120**

LCCC Natural Science Program Notes:

Students are strongly encouraged to take a General Education Electives that corresponds to the College of Arts & Sciences Diversity (D) and Global Studies (G) electives or else they will have to take D & G's at UW.

Courses that meet the Wyoming State Requirement include: U.S. to 1865 (HIST 1211), U.S. from 1865 (HIST 1221), Wyoming History (HIST 1251), Economics, Law, & Government (ECON 1200).

A minimum grade of C is required for BIOL 1010, BIOL 2022, MATH 1400, MATH 1405.