

Biology, AS



Northern Wyoming Community College District

FRESHMAN YEAR

Fall Semester			Hrs	Spring Semester			Hrs
BIOL	1010	General Biology I	4	BIOL ¹			3
MATH	1400	Pre-Calculus Algebra	4	MATH	2200	Calculus I	
ENGL	1010	English I	3	OR			4
CHEM	1020	General Chemistry	4	STAT	2050	Fundamentals of Statistics	
				PHYS	1110	General Physics I	4
						Advanced Writing Requirement	3
						Health & Wellness Requirement	3
TOTAL			<u>15</u>	TOTAL			<u>17</u>

SOPHOMORE YEAR

Fall Semester			Hrs	Spring Semester			Hrs
PHYS	1120	General Physics II	4	CHEM	2300	Organic Chemistry	4
		General Studies ²	3			U.S. & WY Constitution	3
		Cultural Studies Requirement	3	BIOL ³			4
BIOL	2400	Ecology	3	CO/M	1010	Introduction to Public Speaking	3
BIOL	2410	Field Ecology Lab	2				
TOTAL			<u>15</u>	TOTAL			<u>14</u>
TOTAL NWCCD AS DEGREE HOURS							<u>61</u>

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.

Northern Wyoming Community College District requirements:

In order to graduate, students must successfully complete a minimum of 60 credit hours, 15 of which must be from Sheridan College, with a grade point average of 2.0 or better at course level of 1000 or higher.

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.

¹ Choose either BIOL 2020 (General Biology II) or 2022 (Animal Biology)

² Must meet UW A&S Global Awareness Requirement

³ Choose either BIOL 2020 (General Biology II) or 2023 (Plant & Fungal Biology)

Biology, BS



University of Wyoming

JUNIOR YEAR

Fall Semester			Hrs	Spring Semester			Hrs
MATH	2200	Calculus I		CHEM/ MOLB	3610	Biochemistry	4
		OR	4	LIFE	3050	Genetics	4
STAT	2050	Fundamentals of Statistics		LIFE	3500	Evolutionary Biology	3
COSC	1010	Computer Science	3	3000+		Elective	4
		A&S Diversity in the US Requirement	ASD				
			3				
3000+		Electives					
			6				
TOTAL			<u>16</u>	TOTAL			<u>15</u>

SENIOR YEAR

Fall Semester			Hrs	Spring Semester			Hrs
LIFE	3600	Cell Biology	4	3000+		Electives	14
BOT	4100	Scientific Communication	C3				
			3				
3000+		Electives					
			8				
TOTAL			<u>15</u>	TOTAL			<u>14</u>
						TOTAL UW HOURS	<u>60</u>
						TOTAL UW BS DEGREE HOURS	<u>121</u>