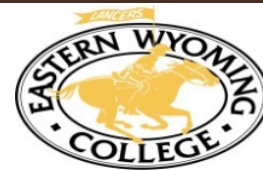


Biology, AS

(Leading to UW Zoology, BS)



Eastern Wyoming College

FRESHMAN YEAR

Fall Semester			Hrs	Spring Semester			Hrs
		Freshman Foundations Requirement	1	BIOL 2020	General Biology II ¹		4
BIOL	1010	General Biology I ¹	4	CHEM 1030	General Chemistry II		4
CHEM	1020	General Chemistry I	4	ENGL 2020	Introduction to Literature		3
ENGL	1010	English I: Composition	3	MATH 1405	Pre-Calculus Trigonometry ¹		3
MATH	1400	Pre-Calculus Algebra ¹	4				
TOTAL			<u>16</u>	TOTAL			<u>14</u>

SOPHOMORE YEAR

Fall Semester			Hrs	Spring Semester			Hrs
		Physical Education Activity	1		Arts & Humanities Requirement ²		3
		Social & Cultural Awareness ²	3		Outcomes Assessment Requirement		
CHEM	2320	Organic Chemistry I	4		US & Wyoming Constitutions Requirement		3
MATH	2200	Calculus I ³	4	MOLB 2220	Pathogenic Microbiology		4
PHYS	1110	General Physics I	4	STAT 2050	Fundamentals of Statistics		4
TOTAL			<u>16</u>	TOTAL			<u>14</u>
TOTAL EWC AS DEGREE HOURS							<u>60</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.

Eastern Wyoming College requirements:

In order to graduate, students must successfully complete a minimum of 60 credit hours, 15 of which must be applicable towards graduation from Eastern Wyoming College, with a grade point average of 2.0 or better in courses numbered 1000 or higher. • No more than six (6) hours in courses numbered 1490, 1990, 2490, or 2990 will apply toward the degree; in addition, no course offered under the Developmental Studies Department may be applied toward the degree.

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).

Zoology, BS



University of Wyoming

JUNIOR YEAR

Fall Semester			Hrs	Spring Semester			Hrs
		A&S ASD or ASG Requirement ^a	3			A&S ASD or ASG Requirement ^a	3
LIFE	3050	Genetics ^b	4	PHYS	1120	General Physics II	4
LIFE	3400	General Ecology	3			Upper Division Zoology Electives ^c	6
		Chemistry Elective (3rd course - not 1000)	4			Elective ^e	3
		Required Zoology Elective ^{c, d}	3				
TOTAL			<u>17</u>	TOTAL			<u>16</u>

SENIOR YEAR

Fall Semester			Hrs	Spring Semester			Hrs
LIFE	3500	Evolutionary Biology ^c	4	ZOO	4100	Scientific Communication ^b	C3 3
		Upper Division Zoology Electives ^c	6			Upper Division Zoology Electives ^c	6
		Upper Division Elective ^e	3			Upper Division Elective ^e	5
TOTAL			<u>13</u>	TOTAL			<u>14</u>
TOTAL UW HOURS						<u>60</u>	
TOTAL UW BA DEGREE HOURS						<u>120</u>	

EWC Program Notes:

- A minimum grade of C is required for BIOL 1010 (General Biology I), BIOL 2020 (General Biology II), MATH 1400 (Pre-Calculus Algebra), and MATH 1405 (Trigonometry).
- Students are **strongly** encouraged to take an Arts & Humanities and/or Social & Cultural Awareness elective at EWC that correspond to the UW College of Arts & Sciences *Diversity in the US (ASD)* and *Global Awareness (ASG)* electives or else they will have to fulfill ASD & ASG requirements at UW. A list of ASD and ASG courses that transfer is available at wyosb.uwyo.edu/bnrprod/bwckytfc.p_display_transfer_catalog. Courses with a USP attribute of either U3D or U3G meet the ASD and ASG, respectively. One suggested course is ANTH 1200 (Introduction to Cultural Anthropology), which meets the ASG requirement.
- This course is part of the "*minimum of 30 credit hours at C or better*" list required for UW's BS in Zoology degree (see "b" below).

UW Physiology Program Notes:

- Please see note #2 for Eastern Wyoming College. If the ASD and ASG requirements have been met, these become elective credits.
- A grade of C is required in this course.
- A minimum of 30 credit hours must be at a grade of C or better for these courses.
- Required Zoology Elective.** Students are required to select a course from the following list: ZOO 4330 (Ichthyology - 3 hrs), ZOO 4350 (Ornithology - 3 hrs), ZOO 4370 (Mammalogy - 3 hrs), ZOO 4380 (Herpetology - 3 hrs), or ZOO 4540 (Invertebrate Zoology - 4 hrs).
- These upper or lower division electives do not need to be in the major. They may be internship- or research-related.