

University of Wyoming Sample Four-Year Degree Plan
Catalog Year: 2019-20

Zoology, BS



This sample degree plan is a guide, to be used for planning in consultation with your academic advisor. Actual course sequence may vary by student. A ▲ symbol identifies courses that must be taken and passed during the suggested semester in order for a student to stay on track toward completing the degree program within four years.

Course Sequence	Course Prefix	Course Number	Course Title	Credit Hours	Min Grade	Notes
			USP First-Year Seminar	3	C	FY
			USP US & Wyoming Constitutions	3		V
			USP Human Culture	3		H
LIFE	1010		General Biology ¹	4	C	PN
MATH	1400		College Algebra ²	3	C	Q; can substitute MATH 1450 ² for MATH 1400 & MATH 1405.
Credit hours subtotal:				16		

Freshman Spring Semester

			USP Communication I	3	C	C1
CHEM	1020		General Chemistry I	4		PN
LIFE	2022		Animal Biology	4	C	
MATH	1405		Trigonometry	3		Can substitute MATH 1450 ² for MATH 1400 & MATH 1405
Credit hours subtotal:				14		

Sophomore Fall Semester

			USP Communication II	3	C	C2
CHEM	1030		General Chemistry II	4		
MATH	2200		Calculus I	4		
PHYS	1110		General Physics I	4		
Credit hours subtotal:				15		

Sophomore Spring Semester

			Chemistry Elective	4		Recommend CHEM 2300
LIFE	3400		General Ecology	3	C	
PHYS	1120		General Physics II	4		
STAT	2050		Fundamentals of Statistics	4		Can substitute STAT 2070 or LIFE 2100
Credit hours subtotal:				15		

This sample degree plan is a guide for course work in the major. • Course sequencing may need to be altered if ACT, SAT or Math Placement scores require a student to take pre-college courses before taking required math or English courses. • Not all courses are offered every semester and some electives may have prerequisites. Students should review course descriptions in the University Catalog and consult with their academic advisor to plan accordingly.

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. • University Studies Program (USP) Human Culture (H) and Physical & Natural World (PN) courses must be taken outside of the major subject, but can be cross-listed with the major.

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).

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Junior Fall Semester

LIFE	3050	Genetics		4	C	
		Electives		4		
		Advanced Zoology Elective ³		3		
		USP Human Culture		3	H	
Credit hours subtotal:				14		

Junior Spring Semester

		A&S Core Diversity in the US		3	ASD	
		Upper Division Zoology Electives		6		
		Upper Division Electives		6		
Credit hours subtotal:				15		

Senior Fall Semester

		A&S Core Global Awareness		3	ASG	
LIFE	3500	Evolutionary Biology		4		
		Upper Division Zoology Electives		6		
		Upper Division Elective		3		
Credit hours subtotal:				16		

Senior Spring Semester

ZOO	4100	Scientific Communication		2	C3	
ZOO	4101	Scientific Communication Lab		1	C3	
		Upper Division Zoology Electives		6		
		Electives		6		
Credit hours subtotal:				15		

TOTAL CREDIT HOURS 120

Zoology Program notes:

¹ LIFE 1010 requires Math ACT 23 or above or eligibility for concurrent enrollment in MATH 1400 or higher.

² See the "Prerequisite and MPE Cut Score Reference Chart" on the Math Placement website for the most up-to-date math placement equivalencies: <http://www.uwyo.edu/mathstats/math-placement/>.

³ Advanced Zoology Elective. Students must select a course from the following list:

ZOO 4330 Ichthyology (3 cr. hr.)

ZOO 4350 Ornithology (3 cr. hr.)

ZOO 4370 Mammology (3 cr. hr.)

ZOO 4380 Herpetology (3 cr. hr.)

ZOO 4540 Invertebrate Zoology (4 cr. hr.)