

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

Wildlife & Fisheries Biology & Management, BS Aquatic



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 Communication I	3	C	C1
	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.
			USP Human Culture	3		H
Credit hours subtotal:				16		

Freshman Spring Semester

			USP US & Wyoming Constitutions	3		V
	CHEM	1020	General Chemistry I	4		PN
	LIFE	2022	Animal Biology	4	C	
	MATH	1405	Trigonometry	3	C	Q; can substitute MATH 1450 ² for MATH 1400 & MATH 1405
Credit hours subtotal:				14		

Sophomore Fall Semester

	CHEM	1030	General Chemistry II	4		
	LIFE	3400	General Ecology	3	C	
	LIFE	3410	Field Ecology	2	C	
	MATH	2200	Calculus I	4		Can substitute MATH 2350
Credit hours subtotal:				13		

Sophomore Spring Semester

			USP Communication II	3	C	C2
			USP Human Culture	3		H
			Required Data Sciences elective	3		(consult advisor for applicable coursework)
	STAT	2050	Fundamentals of Statistics	4		Can substitute STAT 2070 or LIFE 2100
	ZOO	2450	Principles of Fish & Wildlife Management	3	C	
Credit hours subtotal:				16		

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).

Notes continued on next page(s).

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Junior Fall Semester

	LIFE	3050	Genetics	4		
	ZOO	4430	Limnology Lab	2		
	ZOO	4440	Limnology	3		
	ZOO	4970	Internship	1		
			Required PHYS, GEOL, or SOIL Course	4		Choose from PHYS 1110, GEOL 1100, or SOIL 2010
Credit hours subtotal:				14		

Junior Spring Semester

	ZOO	4330	Ichthyology	3		
			Upper Division Restricted Electives	6		Consult with advisor on approved courses
			Restricted Electives	3		Consult with advisor on approved courses
			Electives	3		Consult with advisor on suggested courses
			Upper Division Electives	2		Consult with advisor on suggested courses
Credit hours subtotal:				17		

Senior Fall Semester

			A&S Core Global Awareness	3		ASG
			Upper Division Restricted Elective	3		Recommend ZOO 4310 Fisheries Management
			Upper Division Restricted Elective	3		Recommend ZOO 4540
			Electives	6		Consult with advisor on suggested courses
Credit hours subtotal:				15		

Senior Spring Semester

	ZOO	4100	Scientific Communication	2	C	C3 or approved USP C3 substitute
	ZOO	4100	Scientific Communication Lab	1	C	C3
	ZOO	4190	Comparative Environmental Physiology	4		
	ZOO	4400	Population Ecology	3		
			Elective	3		Consult with advisor on suggested courses
			A&S Core Diversity in the US	3		ASD
Credit hours subtotal:				16		

TOTAL CREDIT HOURS 121

Wildlife & Fisheries Biology & Management- Aquatic 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 The WFBM (Aquatic) degree program is designed to be closely compatible with initial professional certification requirements in the American Fisheries Society. Interested students MUST consult with their advisor for more information. Additional coursework may be required to complete all certification requirements. Consult your advisor for applicable coursework as electives are selected.