

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

Animal & Veterinary Science, BS Equine Science Option



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.

Sequence	Course Prefix	Course Number	Course Title	Credit Hours	Min Grade	Notes
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Freshman Fall Semester

			USP First-Year Seminar	3	C	FY
	ANSC	1010	Introduction to Animal Science	4		
	CHEM	1000	Introductory Chemistry ¹	4		PN
	LIFE	1010	General Biology ²	4	C	PN
Credit hours subtotal:				15		

Freshman Spring Semester

			USP Human Culture	3		H
	ANSC	1030	Equine Management	3		
	ENGL	1010	College Composition and Rhetoric	3	C	C1
	LIFE	2022	Animal Biology	4	C	
	MATH	1400	College Algebra ³	3		Q
Credit hours subtotal:				16		

Sophomore Fall Semester

			USP US & Wyoming Constitution	3		V
	AGEC	2020	Farm and Ranch Business Management	4		
	STAT	2050	Fundamentals of Statistics	4		Can substitute STAT 2070 (Intro Stats for Social Science)
			Horsemanship Elective	2		Must have prior approval of advisor
			Elective	3		
Credit hours subtotal:				16		

Sophomore Spring Semester

			USP Human Culture	3		H
			USP Communication 2	3		C2
	REWM	2000	Principles of Rangeland Management	3		
			Electives	7		Recommend ANSC 2020 (Feeds & Feeding)
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.

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Junior Fall Semester

	ANSC	2010	Domestic Animal Metabolism	3		Can substitute CHEM 2300 (Intro Organic Chemistry)
▲	ANSC	3150	Equine Nutrition and Physiology	3	C	
	FDSC	3060	Principles of Meat Science & Muscle Biology	3		
			Horsemanship Elective	2		Must have prior approval of advisor
			Electives	6		
Credit hours subtotal:				17		

Junior Spring Semester

	ANSC	3010	Comp Anat and Phys of Domestic Animals	4	C	
▲	ANSC	3100	Principles of Animal Nutrition	3	C	
	ANSC	4111	Equine Health and Disease	3		Cross listed with PATB 4111
	LIFE	3050	Genetics	4		
			Elective	3		
Credit hours subtotal:				17		

Senior Fall Semester

	ANSC	3250	Equine Behavior and Welfare	3		
▲	ANSC	4120	Principles of Mammalian Reproduction	3		
▲	ANSC	4540	Principles of Animal Breeding	3	C	
			Electives	6		
Credit hours subtotal:				15		

Senior Spring Semester

	ANSC	4132	Equine Reproduction	2		
	ANSC	4250	Advanced Equine Production and Management	3	C	
	ANSC	4630	Topics and Issues in Animal Science	3	C	C3
			Elective	3		
			Upper Division Elective	5		
Credit hours subtotal:				16		

TOTAL CREDIT HOURS 128

¹ Requires minimum grade of C in MATH 0925, or level 3 on the MPE, or ACT math score of 23 or above.

² Requires Math ACT score of 23 or above, or concurrent enrollment or eligibility for concurrent enrollment in MATH 1400 or higher

³ 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/>.