

Animal & Veterinary Science, BS

Equine Science Option



University of Wyoming, 2017-18

Freshman Fall Semester				Hrs	Min	Grade	Notes
			USP First-Year Seminar	3		C	FY
ANSC	1010		Livestock Production	4			
CHEM	1000		Introductory Chemistry *	4			PN
LIFE	1010		General Biology **	4		C	PN
Credit hours subtotal:				15			

Freshman Spring Semester				Hrs	Min	Grade	Notes
			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		C	Q
Credit hours subtotal:				16			

Sophomore Fall Semester				Hrs	Min	Grade	Notes
			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 Statistics for Social Sciences).
			Horsemanship Elective	2			Must have prior approval of advisor.
			Elective	3			
Credit hours subtotal:				16			

Sophomore Spring Semester				Hrs	Min	Grade	Notes
			USP Communication 2	3		C	C2
			USP Human Culture	3			H
REWM	2000		Principles of Rangeland Management	3			
			Elective	7			Recommend ANSC 2020 (Feeds and Feeding).
Credit hours subtotal:				16			

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, and consult with an academic advisor. • Not all courses are offered every semester and some electives may have prerequisites. Students should review the 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.

Animal & Veterinary Sciences - Equine Option Program Notes:

* Requires MATH ACT \geq 23, MATH SAT \geq 600, Math Placement Exam \geq 3, or \geq C grade in MATH 0925. (University Standard)

** Requires MATH ACT \geq 21, MATH SAT \geq 600, Math Placement Exam \geq 2, or \geq C grade in MATH 0921. (University Standard)

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Junior Fall Semester			Hrs	Min Grade	Notes
ANSC	2010	Domestic Animal Metabolism	3		Can substitute CHEM 2300 (Introductory Organic Chemistry).
ANSC	3150	Equine Nutrition and Physiology	3		
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			Hrs	Min Grade	Notes
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			Hrs	Min Grade	Notes
ANSC	3250	Equine Behavior and Welfare	3		
ANSC	4120	Principles of Mammalian Reproduction	3	C	
ANSC	4540	Principles of Animal Breeding	3	C	
		Electives	6		
Credit hours subtotal:			15		

Senior Spring Semester			Hrs	Min Grade	Notes
ANSC	4132	Equine Reproduction	2		
ANSC	4250	Advanced Equine Production and Management	3		
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