UNIVERSITY OF WYOMING

Animal and Veterinary Science (ANVS)

Equine Science Option

Total Credit Hour requirement: **128 minimum** Upper-Division Hour requirement: **42 minimum**

Name: ______

University Studies Program (not met as part of degree reqts)			* C or better required	
USP	Course # Title	Cr	Sem/Yr	Grade
FYS		3		*
	Must be completed with C or better within the first year at UW. May be waived with 30 or more credits of post-high school credit (transfer).			
C1		3		
	Typically ENGL 1010, but may be met with Honors and other courses			
C2		3		
	PreReq: Completion of C1.			
Н		3		
	AGEC 1020 recommended			
Н		3		
V		3		

Check degree evaluation for eligibility for Challenge Exam (POLS 1000 by exam)

Major in Animal and Veterinary Science				* C or better required			
USP	Course #	Title	Cr	Sem/Yr	Grade		
	ANSC 3010	Comp Anatomy & Phys Domestic Anim	4		*		
	PreReq: LIFE 2022 with C or better						
	ANSC 3100	Prin Animal Nutrition	3		*		
	PreReq: ANSC 2010 or CHEM 2300						
C3	ANSC 4630	Topics & Issues in ANSC	3		*		
	PreReq: SR standing an	d C2.	· ·				
ΡN	LIFE 1010	General Biology	4		*		
	PreReq: MATH ACT ≥ 21 or MPE ≥ 2						
ΡN	LIFE 2022	Animal Biology	4		*		
	PreReq: LIFE 1010 with	C or better	· ·				
Q	MATH 1400	College Algebra	3		*		
	•	ith C or better, or MATH ACT \geq 23, or MPE \geq 3. MATH 1450 may 1405. Waived with MATH ACT \geq 26 or MPE \geq 3.	· ·				
Q	STAT 2050	Fund in Statistics	4				
	PreReq: MATH 1400 w	ith C or better, or MATH ACT \geq 26 or MPE \geq 4	· ·				



W#:_____

Concentration in Equine Science				* C or better required				
	USP Course #	Title	Cr	Sem/Yr	Grade			
	ANSC 1010	Intro to Animal Science	4					
	AGEC 2020	Farm & Ranch Business Mgt	4					
	ANSC 1030	Equine Mgt	3					
Organic Chemistry Elective: Choose 1 of ANSC 2010 or CHEM 2300.								
	ANSC 2010	Domestic Animal Metabolism	3					
	PreReq: CHEM 1000							
	CHEM 2300	Introductory Organic Chemistry	3					
_	PreReq: CHEM 1000 or							
	ANSC 3150	Equine Nutrition and Physiology	3					
	PreReq: 4 hrs life scient		2					
	ANSC 3250 PreReq: ANSC 1030 and	Equine Behavior and Welfare						
	ANSC 4120	Prin Mammalian Reproduction	3		*			
		mic anatomy and physiology/endocrinology						
	ANSC 4132	Equine Reproduction	2					
	PreReq: ANSC 4120 an							
	ANSC 4250	Adv Equine Production and Mgt	3		*			
	PreReq: ANSC 1030, 31	00, 4120, and 4540						
	ANSC 4540	Prin Animal Breeding	3		*			
_	PreReq: STAT 2050							
	PATB 4111	Equine Health and Disease	3		*			
	PreReq: ANSC 1030 and		Δ					
	PN CHEM 1000	Introductory Chemistry ith C or better or MATH ACT ≥ 23 or MPE ≥ 3	4					
П	FDSC 3060	Prin Meat Sci & Muscle Biology	3		*			
	PreReq: CHEM 1000 ar							
	LIFE 3050	Genetics	4					
	PreReq: LIFE 2022 with	C or better						
	REWM 2000	Prin of Rangeland Mgt	3					
	PreReq: LIFE 1010							
	Horsemanship: Con	nplete 2 advisor-approved horsemanship courses	for a total oj	f at least 4 hr				
			2					
			2					
	Free Electives (to 12	8 total and/or 42 upper-division credit hours)	_		_			