

UNIVERSITY OF WYOMING

Animal and Veterinary Science (ANVS)

Pre-Veterinary Medicine Option



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

Effective: Fall 2017

Name: _____

W#: _____

University Studies Program (not met as part of degree reqts)

* C or better required

USP	Course #	Title	Cr	Sem/Yr	Grade
<input type="checkbox"/>	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).			
<input type="checkbox"/>	C1	_____	3	_____	
		Typically ENGL 1010, but may be met with Honors and other courses			
<input type="checkbox"/>	C2	_____	3	_____	
		PreReq: Completion of C1.			
<input type="checkbox"/>	H	_____	3	_____	
		AGEC 1020 recommended			
<input type="checkbox"/>	H	_____	3	_____	
<input type="checkbox"/>	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
<input type="checkbox"/>	ANSC 3010	Comp Anatomy & Phys Domestic Anim	4	_____	*
		PreReq: LIFE 2022 with C or better			
<input type="checkbox"/>	ANSC 3100	Prin Animal Nutrition	3	_____	*
		PreReq: ANSC 2010 or CHEM 2300			
<input type="checkbox"/>	C3 ANSC 4630	Topics & Issues in ANSC	3	_____	*
		PreReq: SR standing and C2.			
<input type="checkbox"/>	PN LIFE 1010	General Biology	4	_____	*
		PreReq: MATH ACT ≥ 21 or MPE ≥ 2			
<input type="checkbox"/>	PN LIFE 2022	Animal Biology	4	_____	*
		PreReq: LIFE 1010 with C or better			
<input type="checkbox"/>	Q MATH 1400	College Algebra	3	_____	*
		PreReq: MATH 0925 with C or better, or MATH ACT ≥ 23 , or MPE ≥ 3 . MATH 1450 may replace MATH 1400 & 1405. Waived with MATH ACT ≥ 26 or MPE ≥ 3 .			
<input type="checkbox"/>	Q STAT 2050	Fund in Statistics	4	_____	
		PreReq: MATH 1400 with C or better, or MATH ACT ≥ 26 or MPE ≥ 4			

Concentration in Pre-Veterinary Medicine

* C or better required

USP	Course #	Title	Cr	Sem/Yr	Grade
Advanced Production Elective: Choose 1 of ANSC 3150, 4220, or 4230.					
<input type="checkbox"/>	ANSC 3150	Equine Nutrition and Physiology <i>PreReq: 4 hrs life science</i>	3		
<input type="checkbox"/>	ANSC 4220	Adv Beef Production and Mgt <i>PreReq: ANSC 3100, 4120, and 4540</i>	3		
<input type="checkbox"/>	ANSC 4230	Adv Sheep Production and Mgt <i>PreReq: ANSC 3100, 4120, and 4540</i>	3		
<input type="checkbox"/>	ANSC 4120	Prin Mammalian Reproduction <i>PreReq: course in systemic anatomy and physiology/endocrinology</i>	3		*
<input type="checkbox"/>	PN CHEM 1020	General Chemistry I <i>PreReq: MATH 1400 or MATH ACT ≥ 23 or MPE ≥ 3</i>	4		
<input type="checkbox"/>	PN CHEM 1030	General Chemistry II <i>PreReq: CHEM 1020</i>	4		
<input type="checkbox"/>	CHEM 2420	Organic Chemistry I <i>PreReq: CHEM 1030</i>	4		
<input type="checkbox"/>	CHEM 2440	Organic Chemistry II <i>PreReq: CHEM 1030 and 2420</i>	4		
<input type="checkbox"/>	LIFE 3050	Genetics <i>PreReq: LIFE 2022 with C or better</i>	4		
<input type="checkbox"/>	Q MATH 1405	Trigonometry <i>PreReq: MATH 1400 with C or better, or MATH ACT ≥ 25, or MPE ≥ 4. MATH 1450 may replace MATH 1400 & 1405.</i>	3		
<input type="checkbox"/>	MICR 2021	General Microbiology <i>PreReq: LIFE 1010 with C or better, and CHEM 1000 or 1020.</i>	4		
<input type="checkbox"/>	PATB 2220	Pathogenic Microbiology <i>PreReq: MICR 2021</i>	4		
<input type="checkbox"/>	MOLB 3610	Prin of Biochemistry <i>PreReq: CHEM 1000 or 1020</i>	3		
<input type="checkbox"/>	PATB 4110	Diseases of Food Animals <i>PreReq: Junior standing and 4 hours life science</i>	3		*
<input type="checkbox"/>	MOLB 4400	Immunology <i>PreReq: PATB 2220</i>	4		
<input type="checkbox"/>	PATB 4500	Veterinary Parasitology <i>PreReq: LIFE 1010 with C or better</i>	3		
<input type="checkbox"/>	PATB 4710	Medical Virology <i>PreReq: MICR 2240</i>	3		
<input type="checkbox"/>	PN PHYS 1110	General Physics I <i>PreReq: MATH 1405 or 1450</i>	4		
<input type="checkbox"/>	PN PHYS 1120	General Physics II <i>PreReq: PHYS 1110</i>	4		
Free Electives (to 128 total and/or 42 upper-division credit hours)					
<input type="checkbox"/>					
<input type="checkbox"/>					