

“W” Number: _____
 Student Name: _____
 Advisor Name: _____

Catalog: 2021-2022 University of Wyoming Catalog
 Program: Animal and Veterinary Science, Equine Science
 Option, B.S.

Animal and Veterinary Science, Equine Science Option, B.S.

This option provides a strong background in equine production and management. Students interested in equine should enroll in this option.

Animal and Veterinary Science

Required Courses:

Course Name	Credits:	Term Taken	Grade	Gen Ed
ANSC1010 - Introduction to Animal Science	Credits: 4			
ANSC1030 - Equine Management	Credits: 3			
ANSC3010 - Comparative Anatomy and Physiology of Domestic Animals *	Credits: 4			
ANSC3100 - Principles of Animal Nutrition *	Credits: 3			
ANSC3150 - Equine Nutrition and Physiology *	Credits: 3			
ANSC3250 - Equine Behavior and Welfare	Credits: 3			
ANSC4120 - Principles of Mammalian Reproduction	Credits: 3			
ANSC4132 - Equine Reproduction	Credits: 3			
ANSC4250 - Advanced Equine Production and Management *	Credits: 3			
ANSC4540 - Principles of Animal Breeding *	Credits: 3			
ANSC4630 - Topics and Issues in Animal Science * (COM3) USP Code [WC< >COM3]	Credits: 3			
ANSC4111 - Equine Health and Disease *	Credits: 3			
OR				
PATB4111 - Equine Health and Disease *	Credits: 3			

Agricultural Sciences

Required Courses:

Course Name	Credits:	Term Taken	Grade	Gen Ed
FDSC3060 - Principles of Meat Science and Muscle Biology	Credits: 3			
AGEC2020 - Farm and Ranch Business Management	Credits: 4			
REWM2000 - Principles of Rangeland Management	Credits: 3			

Horsemanship

- 2 advisor/department head approved courses

Other Math/Science Courses

Required Courses:

Course Name	Credits:	Term Taken	Grade	Gen Ed
LIFE1010 - General Biology * (PN) USP Code [SB< >PN]	Credits: 4			
LIFE2022 - Animal Biology	Credits: 4			
LIFE3050 - Genetics	Credits: 4			
CHEM1000 - Introductory Chemistry (PN) USP Code [SP< >PN]	Credits: 4			
ANSC2010 - Domestic Animal Metabolism	Credits: 3			
OR				
CHEM2300 - Introductory Organic Chemistry	Credits: 4			
MATH1400 - College Algebra (Q) USP Code [QA< >Q]	Credits: 3			

STAT2050 - Fundamentals of Statistics USP Code [QB< >Q]	Credits: 4			
OR				
STAT2070 - Introductory Statistics for the Social Sciences USP Code [QB< >Q]	Credits: 4			
Other Communication Courses				
Course Name	Credits:	Term Taken	Grade	Gen Ed
ENGL1010 - College Composition and Rhetoric * (COM1) USP Code [WA< >COM1]	Credits: 3			
• a COM2 course *				
Other University Studies Courses				
<ul style="list-style-type: none"> • First-Year Seminar* (FYS) • 2 courses in Human Culture (H) • U.S. and Wyoming Constitutions (V) 				
Required Credits: 128				
*A grade of C or better must be earned in these courses for successful completion of degree.				
**Required credits: 128 total credit hours, 42 credit hours or more at the 3000-level or above.				
Notes:				