

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

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

Animal and Veterinary Science, Range Livestock Option, B.S.

This option emphasizes range livestock management. Students interested in the management of livestock and range resources 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			
ANSC3010 - Comparative Anatomy and Physiology of Domestic Animals *	Credits: 4			
ANSC3100 - Principles of Animal Nutrition *	Credits: 3			
ANSC2020 - Feeds and Feeding	Credits: 4			
ANSC4120 - Principles of Mammalian Reproduction *	Credits: 3			
ANSC4150 - Physiology of Ruminant Digestion	Credits: 3			
ANSC4220 - Advanced Beef Production and Management	Credits: 3			
ANSC4230 - Advanced Sheep Production & Management	Credits: 3			
OR				
ANSC3150 - Equine Nutrition and Physiology	Credits: 3			
ANSC4540 - Principles of Animal Breeding *	Credits: 3			
ANSC4630 - Topics and Issues in Animal Science * (COM3)	Credits: 3			
USP Code [WC< >COM3]				
PATB4110 - Diseases of Food Animals *	Credits: 3			

Rangeland Ecology and Watershed Management

Required Courses:

Course Name	Credits:	Term Taken	Grade	Gen Ed
REWM2000 - Principles of Rangeland Management	Credits: 3			
REWM2400 - Range Ecosystems and Plants	Credits: 4			
REWM4000 - Poisonous Plants and Plant Toxins	Credits: 3			
REWM4330 - Rangeland Ecosystem Assessment and Monitoring	Credits: 4			
LIFE3400 - General Ecology	Credits: 3			

Agricultural Sciences

Required Courses:

Course Name	Credits:	Term Taken	Grade	Gen Ed
FDSC2040 - Principles of Meat Animal Evaluation	Credits: 3			
FDSC3060 - Principles of Meat Science and Muscle Biology *	Credits: 3			
AGEC1020 - Principles of Microeconomics	Credits: 3			
USP Code [CS< >H]				
AGEC2020 - Farm and Ranch Business Management	Credits: 4			

Other Math/Science Courses

Required Courses:

Course Name	Credits:	Term Taken	Grade	Gen Ed
LIFE1010 - General Biology * (PN)	Credits: 4			
USP Code [SB< >PN]				
LIFE2022 - Animal Biology *	Credits: 4			
LIFE3050 - Genetics	Credits: 4			

CHEM1000 - Introductory Chemistry (PN) USP Code [SP< >PN]	Credits: 4			
ANSC2010 - Domestic Animal Metabolism OR	Credits: 3			
CHEM2300 - Introductory Organic Chemistry	Credits: 4			
MATH1400 - College Algebra (Q) USP Code [QA< >Q]	Credits: 3			
STAT2050 - Fundamentals of Statistics USP Code [QB< >Q] OR	Credits: 4			
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] • a COM2 course *	Credits: 3			

Other University Studies Courses

- 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: