

“W” Number: \_\_\_\_\_  
 Student Name: \_\_\_\_\_  
 Advisor Name: \_\_\_\_\_

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

## Animal and Veterinary Science, Production Option, B.S.

This option provides a strong background in livestock production and management. Students interested in livestock production 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			
ANSC2020 - Feeds and Feeding	Credits: 4			
ANSC3010 - Comparative Anatomy and Physiology of Domestic Animals *	Credits: 4			
ANSC3100 - Principles of Animal Nutrition *	Credits: 3			
ANSC4120 - Principles of Mammalian Reproduction *	Credits: 3			
ANSC4540 - Principles of Animal Breeding *	Credits: 3			
ANSC4630 - Topics and Issues in Animal Science * (COM3) USP Code [WC< >COM3]	Credits: 3			

#### And Two Courses Selected From

Course Name	Credits:	Term Taken	Grade	Gen Ed
ANSC3150 - Equine Nutrition and Physiology	Credits: 3			
ANSC4220 - Advanced Beef Production and Management	Credits: 3			
ANSC4230 - Advanced Sheep Production & Management	Credits: 3			
ANSC4250 - Advanced Equine Production and Management	Credits: 3			
PATB4110 - Diseases of Food Animals *	Credits: 3			

### Agricultural Sciences Required Courses:

#### 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 USP Code [CS< >H]	Credits: 3			
AGEC2020 - Farm and Ranch Business Management	Credits: 4			
REWM2000 - Principles of Rangeland Management	Credits: 3			

### 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			
<b>OR</b>				
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			
<b>OR</b>				
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

- First-Year Seminar\* (FYS)
- 1 course 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: