

# Animal & Veterinary Science, BS

## Production Option



### University of Wyoming, 2017-18

Freshman Fall Semester			Hrs	Min	Grade	Notes
		USP First-Year Seminar	3		C	FY
ANSC	1010	Introduction to Animal Science	4			
CHEM	1000	Introductory Chemistry *	4			PN
LIFE	1010	General Biology **	4		C	PN
Credit hours subtotal:			<b>15</b>			

Freshman Spring Semester			Hrs	Min	Grade	Notes
AGEC	1020	Principles of Microeconomics	3			H; cross listed with ECON 1020.
ENGL	1010	College Composition and Rhetoric	3		C	C1
LIFE	2022	Animal Biology	4		C	
MATH	1400	College Algebra *	3		C	Q
		Elective	3			
Credit hours subtotal:			<b>16</b>			

Sophomore Fall Semester			Hrs	Min	Grade	Notes
		USP US & Wyoming Constitution	3			V
AGEC	2020	Farm and Ranch Business Management	4			
STAT	2050	Fundamentals of Statistics	4			Can substitute STAT 2070 (Intro Statistics for the Social Sciences).
		Electives	6			
Credit hours subtotal:			<b>17</b>			

Sophomore Spring Semester			Hrs	Min	Grade	Notes
		USP Communication 2	3		C	C2
		USP Human Culture	3			H
ANSC	2020	Feeds and Feeding	4			
FDSC	2040	Principles of Meat Animal Evaluation	3			
REWM	2000	Principles of Rangeland Management	3			
Credit hours subtotal:			<b>16</b>			

This is a guide for course work in the major; actual course sequence may vary by student. Please refer to the online student degree evaluation, and consult with an academic advisor. • Not all courses are offered every semester and some electives may have prerequisites. Students should review the course descriptions in the *University Catalog* and consult with their academic advisor to plan accordingly.

#### University of Wyoming requirements:

Students must have a minimum cumulative GPA of 2.0 to graduate. • Students must complete 42 hours of upper division (3000-level or above) coursework, 30 of which must be from the University of Wyoming. • Courses must be taken for a letter grade unless offered only for S/U. • University Studies Program (USP) Human Culture (H) and Physical & Natural World (PN) courses must be taken outside of the major subject, but can be cross-listed with the major.

#### Animal & Veterinary Sciences - Production Option Program Notes:

\* Requires MATH ACT  $\geq$  23, MATH SAT  $\geq$  600, Math Placement Exam  $\geq$  3, or  $\geq$  C grade in MATH 0925. (University Standard)

\*\* Requires MATH ACT  $\geq$  21, MATH SAT  $\geq$  600, Math Placement Exam  $\geq$  2, or  $\geq$  C grade in MATH 0921. (University Standard)

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### University of Wyoming, 2017-18

Junior Fall Semester			Hrs	Min Grade	Notes
ANSC	2010	Domestic Animal Metabolism	3		Can substitute CHEM 2300 (Introductory Organic Chemistry).
FDSC	3060	Principles of Meat Science & Muscle Biology	3	C	
PATB	4110	Diseases of Food Animals	3	C	
		Livestock Production Elective ***	3		
		Elective	3		
Credit hours subtotal:			<b>15</b>		

Junior Spring Semester			Hrs	Min Grade	Notes
ANSC	3010	Comp Anat and Phys of Domestic Animals	4	C	
ANSC	3100	Principles of Animal Nutrition	3	C	
		Electives	9		
Credit hours subtotal:			<b>16</b>		

Senior Fall Semester			Hrs	Min Grade	Notes
ANSC	4120	Principles of Mammalian Reproduction	3	C	
ANSC	4540	Principles of Animal Breeding	3	C	
LIFE	3050	Genetics	4		
		Upper Division Electives	3		
		Elective	3		
Credit hours subtotal:			<b>16</b>		

Senior Spring Semester			Hrs	Min Grade	Notes
ANSC	4630	Topics and Issues in Animal Science	3	C	C3
		Livestock Production Elective ***	3		
		Upper Division Electives	7		
		Elective	4		
Credit hours subtotal:			<b>17</b>		

**TOTAL CREDIT HOURS: 128**

#### Animal & Veterinary Sciences - Production Option Program Notes con't:

\*\*\* Two (2) **Livestock Production** courses are required from the following:

- ANSC 3150 Equine Nutrition and Physiology (3 hrs)
- ANSC 4220 Advanced Beef Production & Management (3 hrs)
- ANSC 4230 Advanced Sheep Production Management (3 hrs)
- ANSC 4240 Advanced Swine Production Management (3 hrs)