

University of Wyoming Sample Four-Year Degree Plan  
Catalog Year: 2018-19

## Animal & Veterinary Science, BS Production Option



This sample degree plan is a guide, to be used for planning in consultation with your academic advisor. Actual course sequence may vary by student. A ▲ symbol identifies courses that must be taken and passed during the suggested semester in order for a student to stay on track toward completing the degree program within four years.

Course Sequence	Course Prefix	Course Number	Course Title	Credit Hours	Min Grade	Notes
-----------------	---------------	---------------	--------------	--------------	-----------	-------

### Freshman Fall Semester

			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
<b>Credit hours subtotal:</b>				<b>15</b>		

### Freshman Spring Semester

	AGEC	1020	Principles of Microeconomics	3		H. (Crosslisted with ECON 1020)
	ENGL	1010	College Composition and Rhetoric	3	C	C1
▲	LIFE	2022	Animal Biology	4	C	Prereq: LIFE 1010; Offered spring semester.
	MATH	1400	College Algebra <sup>1</sup>	3	C	Q
			Elective	3		
<b>Credit hours subtotal:</b>				<b>16</b>		

### Sophomore Fall Semester

			USP US & Wyoming Constitution	3		V
	AGEC	2020	Farm & Ranch Business Management	4		Offered spring semester.
	STAT	2050	Fundamentals of Statistics	4		Can substitute STAT 2070 (Intro Stats for Social Science).
			Electives	6		
<b>Credit hours subtotal:</b>				<b>17</b>		

### Sophomore Spring Semester

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

This sample degree plan is a guide for course work in the major. • Course sequencing may need to be altered if ACT or Math Placement scores require a student to take pre-college courses before taking required math or English courses. • Not all courses are offered every semester and some electives may have prerequisites. Students should review 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 Science - Production Option Program notes:

<sup>1</sup> Requires MATH ACT ≥ 23, MATH SAT ≥ 600, Math Placement Exam ≥ 3, or ≥ C grade in MATH 0925. (University standard)

<sup>2</sup> Complete two (2) of the following courses: ANSC 3150 **Equine** Nutrition & Physiology, ANSC 4220 Adv **Beef** Production & Management, ANSC 4230 Adv **Sheep** Prod & Mgt or ANSC 4240 Adv Swine Prod & Mgt

University of Wyoming Sample Four-Year Degree Plan  
Catalog Year: 2018-19

## Animal & Veterinary Science, BS Production Option



Sequence	Course Prefix	Course Number	Course Title	Credit Hours	Min Grade	Notes
----------	---------------	---------------	--------------	--------------	-----------	-------

### Junior Fall Semester

	ANSC	2010	Domestic Animal Metabolism	3		Can sub CHEM 2300 (Intro Organic Chemistry).
	FDSC	3060	Principles of Meat Science & Muscle Biology	3	C	Prereq: LIFE 1010 and CHEM 1000
	PATB	4110	Disease of Food Animals	3	C	Prereq: LIFE 2022
			Livestock Production Elective <sup>2</sup>	3		
			Elective	3		
<b>Credit hours subtotal:</b>				<b><u>15</u></b>		

### Junior Spring Semester

	ANSC	3010	Comp Anat and Phys of Domestic Animals	4	C	Prereq: LIFE 1010 and 2022 with C. Offered spring semester.
	ANSC	3100	Principles of Animal Nutrition	3	C	Prereq: CHEM 2300 or ANSC 2010
			Electives	9		
<b>Credit hours subtotal:</b>				<b><u>16</u></b>		

### Senior Fall Semester

	ANSC	4120	Principles of Mammalian Reproduction	3	C	Prereq: Course in systemic anatomy and phys
	ANSC	4540	Principles of Animal Breeding	3	C	Prereq: STAT 2050 or 2070
	LIFE	3050	Genetics	4		
			Upper Division Electives	3		
			Elective	3		
<b>Credit hours subtotal:</b>				<b><u>16</u></b>		

### Senior Spring Semester

▲	ANSC	4630	Topics and Issues in Animal Science	3	C	C3
			Livestock Production Elective <sup>2</sup>	3		
			Upper Division Electives	7		
			Elective	4		
<b>Credit hours subtotal:</b>				<b><u>17</u></b>		

**TOTAL CREDIT HOURS    128**

Revised: 10/2018