

University of Wyoming Sample Four-Year Degree Plan
Catalog Year: 2019 - 2020

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.

Sequence	Course Prefix	Course Number	Course Title	Credit Hours	Min Grade	Notes
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Freshman Fall Semester

			USP First-Year Seminar	3	C	FY
▲	ANSC	1010	Introduction to Animal Science	4		
	MATH	1400	College Algebra	3	C	Q
▲	LIFE	1010	General Biology ¹	4	C	PN
Credit hours subtotal:				14		

Freshman Spring Semester

	AGEC	1020	Principles of Microeconomics	3	C	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.
	REWM	2000	Principles of Rangeland Management	3		
			Elective	3		
Credit hours subtotal:				16		

Sophomore Fall Semester

			USP US & Wyoming Constitution	3		V
	STAT	2050	Fundamentals of Statistics	4		Can substitute STAT 2070 (Intro Stats for SS)
	CHEM	1000	Introductory Chemistry ²	4	C	PN, Fall Only
			Electives	6		
Credit hours subtotal:				17		

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		
	AGEC	2020	Farm & Ranch Business Management	4		Spring Only
Credit hours subtotal:				17		

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.

¹ Requires MATH ACT \geq 23, MATH SAT \geq 600, Math Placement Exam \geq 3, or concurrent enrollment in MATH 1400 or 1405 or 1450.

² Minimum grade of C in MATH 0925, or level 3 on the MPE, or ACT math score of 23 or above.

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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 ³	3		
			Elective	3		
Credit hours subtotal:				<u>15</u>		

Junior Spring Semester

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

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		
Credit hours subtotal:				<u>16</u>		

Senior Spring Semester

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

TOTAL CREDIT HOURS 128

³ Complete two (2) of the following courses: ANSC 3150 Equine Nutrition & Physiology, ANSC 4220 Adv Beef Production & Management, ANSC 4230 Adv Sheep Prod & Mgt, ANSC 4240 Adv Swine Prod & Mgt, or ANSC 4250 Adv Equine & Production Management