

Animal & Veterinary Science, BS

Production Option



University of Wyoming, 2016-17

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:			15		

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:			16		

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:			17		

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:			16		

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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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:			15		

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	
LIFE	3050	Genetics	4		
		Electives	6		
Credit hours subtotal:			17		

Senior Fall Semester			Hrs	Min Grade	Notes
ANSC	4120	Principles of Mammalian Reproduction	3	C	
ANSC	4540	Principles of Animal Breeding	3	C	
		Upper Division Electives	8		
		Elective	3		
Credit hours subtotal:			17		

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	9		
Credit hours subtotal:			15		

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)