

Agri-Business and Sciences, AS

Animal Science Option



Eastern Wyoming College

FRESHMAN YEAR

Fall Semester				Hrs	Spring Semester				Hrs
AECL	1000	Agroecology		4			Communication 2 Requirement	3	
AGRI	1000	Issues in Agriculture		1			Physical Education Activity Requirement	1	
AGRI	1010	Computers: Agriculture		3	ANSC	1010	Livestock Production I	4	
ENGL	1010	English I: Composition		3	BIOL	1010	General Biology I	4	
MATH	1400	Pre-Calculus Algebra		4	ECON	1020	Microeconomics	3	
TOTAL				<u>15</u>	TOTAL				<u>15</u>

SOPHOMORE YEAR

Fall Semester				Hrs	Spring Semester				Hrs
		US & Wyoming Government Requirement		3			Arts & Humanities Requirement	3	
AGEC	1010	Agricultural Economics I		3	AGEC	2395	Ag Capstone Project	2	
AGEC	2020	Farm-Ranch Business Management		3	BIOL	2020	General Biology II	4	
ANSC	2030	Principles of Livestock Feeding		4	REWM	2000	Principles of Range Management	3	
CHEM	1000	Introductory Chemistry		4	STAT	2050	Fundamentals of Statistics	4	
TOTAL				<u>14</u>	TOTAL				<u>16</u>
TOTAL EWC AS DEGREE HOURS								<u>60</u>	

Successful completion of the 2+2 plan requires that a student remain continuously enrolled and graduate with the associate's degree from his or her respective community college. • 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. • Not all courses are offered every semester and some electives may have prerequisites. Students should review the course descriptions in the catalogs of their respective institutions and consult with their academic advisor to plan accordingly. • Academic plans and course schedules may need to be altered if ACT or Math Placement scores require a student to take pre-college courses (e.g., MATH 0900, 0921, or 0925) before taking required math or English courses.

Eastern Wyoming College requirements:

In order to graduate, students must successfully complete a minimum of 60 credit hours, 15 of which must be applicable towards graduation from Eastern Wyoming College, with a grade point average of 2.0 or better in courses numbered 1000 or higher. • No more than six (6) hours in courses numbered 1490, 1990, 2490, or 2990 will apply toward the degree; in addition, no course offered under the Developmental Studies Department may be applied toward the degree.

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

Animal & Veterinary Science, BS



Production Option

University of Wyoming

JUNIOR YEAR

Fall Semester			Hrs	Spring Semester			Hrs
ANSC	3100	Principles of Animal Nutrition	3	ANSC	2010	Domestic Animal Metabolism	3
ANSC	3150	Equine Nutrition & Physiology *	3	OR			
FDSC	2040	Principles of Meat Animal Evaluation	4	CHEM	2300	Introductory Organic Chemistry (4 hrs)	
FDSC	3060	Principles of Meat Science & Muscle Biology	3	ANSC	3010	Comp Anat and Phys of Domestic Animals	4
PATB	4111	Diseases of Food Animals	3	LIFE	2022	Animal Biology	4
				LIFE	3050	Genetics	4
						Elective	2
TOTAL			<u>16</u>	TOTAL			<u>17</u>

SENIOR YEAR

Fall Semester			Hrs	Spring Semester			Hrs
ANSC	4120	Principles of Mammalian Reproduction	3	ANSC	4220	Advanced Beef Production & Mgmt. *	3
ANSC	4540	Principles of Animal Breeding	3	ANSC	4230	Advanced Sheep Production & Mgmt. *	3
		Upper Division Electives	6	ANSC	4630	Topics and Issues in Animal Science	C3 3
		Elective	4			Upper Division Electives	6
TOTAL			<u>16</u>	TOTAL			<u>15</u>
TOTAL UW HOURS							<u>64</u>
TOTAL UW BS DEGREE HOURS							<u>124</u>

UW Animal & Veterinary Science - Production Option Program Notes:

* Required production courses.