

# Agricultural Business–Livestock Bus Mgmt Option, BS with Minor in Animal Science Veterinary Science



## University of Wyoming, 2015-16

Freshman Fall Semester				Hrs	Min Grade	Notes
USP First-Year Seminar				3	C	FY
COSC	1200	Computer Information Systems *	3			Can substitute COSC 1010 (Intro to Computer Science) ** and IMGT 2400 (Intro to Information Management). ^
ENGL	1010	College Composition & Rhetoric	3	C		C1; can substitute another approved C1 course.
LIFE	1010	General Biology ***	4	C		PN
MATH	1400	College Algebra ****	3	C		Q
Credit hours subtotal:				<b>16</b>		

Freshman Spring Semester				Hrs	Min Grade	Notes
USP Human Culture				3		H; a language course is strongly recommended.
AGEC	1010	Principles of Macroeconomics	3			Cross listed with ECON 1010.
CHEM	1000	Introductory Chemistry	4			PN; can substitute CHEM 1020 (General Chemistry I) or a more advanced chemistry course that fulfills the PN requirement.
MATH	2350	Business Calculus	4			
Credit hours subtotal:				<b>14</b>		

Sophomore Fall Semester				Hrs	Min Grade	Notes
USP US & Wyoming Constitutions				3		V
AGEC	1020	Principles of Microeconomics	3			Cross listed with ECON 1020.
AGEC	2020	Farm and Ranch Business Management	4			
LIFE	2022	Animal Biology	4	C		
Credit hours subtotal:				<b>14</b>		

Sophomore Spring Semester				Hrs	Min Grade	Notes
USP Human Culture				3		H; a language course is strongly recommended.
AGEC	3020	Practice Makes Perfect	3	C		C2
ANSC	2010	Domestic Animal Metabolism	3	C		
Quantitative Skills Elective *****				3		
Elective				3		Strongly recommend ACCT 1010 (Principles of Accounting I).
Credit hours subtotal:				<b>15</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.

### Agricultural Business - Livestock Business Management Option w/ Minor Program Notes:

• To earn a minor in Animal Science Veterinary Science, a grade of C must be earned in all coursework for the minor.

\* Requires Math Placement Exam  $\geq 2$ . (University standard)

\*\* Requires MATH ACT  $\geq 25$ , MATH SAT  $\geq 600$ , Math Placement Exam  $\geq 4$ , or  $\geq C$  in MATH 1400 within one year prior to the start of the course. (University standard)

^ AGRI 1010 is an approved substitute for Wyoming community college transfer students.

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## University of Wyoming, 2015-16

Junior Fall Semester			Hrs	Min Grade	Notes
AGEC	3400	Agricultural Law	3		Can substitute AGECE 4710 (Natural Resource Law & Policy).
ANSC	3100	Principles of Animal Nutrition	3	C	
AGEC	4050	Agribusiness Marketing	3		Can substitute MKT 3210 (Introduction to Marketing).
PATB	4110	Diseases of Food Animals	3	C	
STAT	2070	Introductory Statistics for the Social Sciences	4		Can substitute STAT 2050 (Fundamentals of Statistics).
Credit hours subtotal:			<b>16</b>		

Junior Spring Semester			Hrs	Min Grade	Notes
AGEC	4500	Agricultural Finance	3		
ANSC	3010	Comp Anat & Physi/Domestic Animals	4	C	
ECON	3020	Intermediate Microeconomics	3		
FDSC	2040	Principles of Meat Animal Evaluation	3		
LIFE	3050	Genetics	4	C	
Credit hours subtotal:			<b>17</b>		

Senior Fall Semester			Hrs	Min Grade	Notes
AGEC	4060	Agribusiness Management	3		
ANSC	4120	Principles of Mammalian Reproduction	3	C	
ANSC	4540	Principles of Animal Breeding	3	C	
FDSC	3060	Principles of Meat Science	3	C	
		Elective	1		
Credit hours subtotal:			<b>13</b>		

Senior Spring Semester			Hrs	Min Grade	Notes
AGEC	4640	Advanced Farm & Ranch Management	3		
AGEC	4830	Ag Commodities & Futures Markets	3		Can substitute AGECE 4840 (Agricultural Market Analysis). Can substitute AGECE 4280 (Intl Food & Farm Cultures) or ECON 4720 (International Trade) *****.
AGEC	4880	International Ag Trade, Markets & Policy	3		C3; can substitute AGECE 4965 (Agribusiness Strategy & Ethics Capstone).
AGEC	4970	Technical Communication in Agribusiness	3	C	
ANSC	4220	Advanced Beef Production & Management	3	C	Can substitute ANSC 3150 (Equine Nutrition/Physiology), ANSC 4230 (Adv Sheep Prod/Mgmt), or ANSC 4240 (Adv Swine Prod/Mgmt).
Credit hours subtotal:			<b>15</b>		

**TOTAL CREDIT HOURS: 120**

### Agricultural Business - Livestock Business Management Option w/ Minor Program Notes con't:

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

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

\*\*\*\*\* **Quantitative Skills Elective.** Choose one (1) from the following courses (excluding any already taken elsewhere in the program):

ACCT	1010	Principles of Accounting I (3 hrs)	IMGT	2400	Introduction to Information Management (3 hrs)
ACCT	1020	Principles of Accounting II (3 hrs)	IMGT	3400	Database Management Systems (3 hrs)
AGEC	4830	Ag Commodities & Futures Markets (3 hrs)	MATH	2355	Mathematical Applications for Business (4 hrs)
AGEC	4840	Agricultural Market Analysis (3 hrs)	STAT	3050	Statistical Methods - General (3 hrs)

**NOTE:** Some courses have prerequisites not in the plan. Please review course descriptions in the *University Catalog* and consult with an academic advisor.

\*\*\*\*\* The major requires students to earn 18 hours of upper division credit in Agricultural Economics (AGEC), not including the courses necessary to fulfill the C2 and C3 requirements. ECON 4720 can be counted towards these 18 hours.