

# Agricultural Business, BS

## Livestock Business Management



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	Livestock Production	4		
	ENGL	1010	College Composition & Rhetoric	3	C	C1: can substitute another C1 course
	MATH	1400	College Algebra <sup>4</sup>	3	C	
			USP Human Culture	3		H; a language course is strongly recommended; cannot be an ag economics or economics course for this major
<b>Credit hours subtotal:</b>				<b>16</b>		

### Freshman Spring Semester

	COSC	1200	Computer Information Systems**	3		Can substitute IMGT 1400 or AGRI 1010
	AGEC	1010	Principles of Macroeconomics	3		Cross listed with ECON 1010
	LIFE	1010	General Biology <sup>4</sup>	4	C	PN
	MATH	2350	Business Calculus	4		
<b>Credit hours subtotal:</b>				<b>14</b>		

### Sophomore Fall Semester

	AGEC	1020	Principles of Microeconomics	3		Cross listed with ECON 1020
	CHEM	1000	Introductory Chemistry	4		PN; can substitute CHEM 1020 (General Chemistry I) or a more advanced chemistry course that fulfills the PN requirement
	STAT	2050	Fundamentals of Statistics	4		Or STAT 2070
			USP Human Culture	3		H
			USP US & Wyoming Constitutions	3		V
<b>Credit hours subtotal:</b>				<b>17</b>		

### Sophomore Spring Semester

	ANSC	2020	Feeds and Feeding	4		
	LIFE	2022	Animal Biology	4	C	
			USP Communication 2	3	C	C2
	AGEC	2020	Farm and Ranch Business Management	4		
<b>Credit hours subtotal:</b>				<b>15</b>		

### 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 Program Notes:

The Department of Agricultural and Applied Economics does not allow ag economics (AGEC) or economics (ECON) courses to fulfill the USP Human Culture (H) requirement.

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

Notes continued on next page(s).

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### Junior Fall Semester

AGEC	3400	Agricultural Law	3		Can substitute AGEC 4710 (Natural Resource Law & Policy)
PATB	4110	Diseases of Food Animals	3		Can substitute REWM 4000 (Poinonous Plants & Plant Toxins)
REWM	2000	Principles of Rangeland Management	3		
ECON	3020	Intermediate Microeconomics	3		
AGEC	4050	Agribusiness Marketing	3		Can substitute MKT 3210 (Introduction to Marketing)
<b>Credit hours subtotal:</b>				<b>15</b>	

### Junior Spring Semester

AGEC	4500	Agricultural Financie	3		
FDSC	2040	Principles of Meat Animal Evaluation	3		
ANSC	4050	Animal Growth and Development	3		
LIFE	3050	Genetics	4		
		Quantitative Skills Elective	3		
<b>Credit hours subtotal:</b>				<b>16</b>	

### Senior Fall Semester

AGEC	4640	Advanced Farm/Ranch Management	3		
AGEC	4880	International Ag Trade, Markets & Policy	3		Can substitute AGEC 4280 ( Int'l Food & Farm Cultures) or ECON 4720 (International Trade)*****
ANSC	4540	Principles of Animal Breeding	3		
FDSC	3060	Principles of Meat Science	3		
AGEC	4830	Agricultural Commodities & Future Markets	3		Can substitute AGEC 4840 (Agricultural Market Analysis)
<b>Credit hours subtotal:</b>				<b>15</b>	

### Senior Spring Semester

AGEC	4970	Technical Communication in Agribusiness	3		C3; can substitute AGEC 4965 (Agribusiness Strategy & Ethics Capstone)
AGEC	4060	Agribusiness Management	3		
REWM	4100	Nutrition Ecology of Range Herbivores	3		
		Upper Division Elecitive	3		(FDSC or ANSC)
<b>Credit hours subtotal:</b>				<b>12</b>	
<b>TOTAL CREDIT HOURS</b>				<b>120</b>	

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

ACCT	2010	Principles of Accounting I (3 hrs)
ACCT	2020	Principles of Accounting II (3 hrs)
AGEC	4230	Intermediate Econometric Theory (3 hrs)
AGEC	4840	Agricultural Market Analysis (3 hrs)
IMGT	1400	Introduction to Information Management (3 hrs)
IMGT	3400	Database Management Systems (3 hrs)
MATH	2355	Mathematical Applications for Business (4 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.

<sup>4</sup> See the "Prerequisite and MPE Cut Score Reference Chart" on the Math Placement website for the most up-to-date math placement equivalencies: <http://www.uwyo.edu/mathstats/math-placement/>.