

Agricultural Business, BS

Livestock Business Mgmt w/ Minor in Animal & Vet Sciences



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.

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
					PN; can substitute CHEM 1020 (General Chemistry I) or a more advanced chemistry course that fulfills the PN requirement
CHEM	1000	Introductory Chemistry	4		
MATH	1400	College Algebra ⁴	3	C	
		Elective	4		Highly suggest ANSC 1010
Credit hours subtotal:			14		

Freshman Spring Semester

COSC	1200	Computer Information Systems**	3		Can substitute IMGT 1400 or AGRI 1010
ENGL	1010	College Composition & Rhetoric	3	C	CI: can substitute another CI course
		USP Human Culture	3		H; a language course is strongly recommended; cannot be an ag economics or economics course for this major
AGEC	1010	Principles of Macroeconomics	3		Cross listed with ECON 1010
MATH	2350	Business Calculus	4		
Credit hours subtotal:			16		

Sophomore Fall Semester

AGEC	1020	Principles of Microeconomics	3		Cross listed with ECON 1020
ANSC	2010	Domestic Animal Metabolism	3	C	
LIFE	1010	General Biology ⁴	4	C	PN
		USP US & Wyoming Constitutions	3		V
Credit hours subtotal:			13		

Sophomore Spring Semester

AGEC	2020	Farm and Ranch Business Management	4		
		USP Human Culture	3		H; a language course is strongly recommended; cannot be an ag economics or economics course for this major
LIFE	2022	Animal Biology	4	C	
		USP Communication 2	3	C	C2
		Quantitative Skills Elective	3		
Credit hours subtotal:			17		

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 AGECE 4710 (Natural Resource Law & Policy)
ECON	3020	Intermediate Microeconomics	3		
PATB	4110	Diseases of Food Animals	3	C	Can substitute REWM 4000 (Poinonous Plants & Plant Toxins)
AGEC	4050	Agribusiness Marketing	3		Can substitute MKT 3210 (Introduction to Marketing)
STAT	2070	Introductory Statistics for the Social Sciences	4		Can substitute STAT 2050 (Fundamentals of Statistics)
Credit hours subtotal:			16		

Junior Spring Semester

ANSC	3100	Principles of Animal Nutrition	3	C	
AGEC	4500	Agricultural Financie	3		
ANSC	3010	Comp Anat & Physi/Domestic Animals	4	C	
LIFE	3050	Genetics	4	C	
FDSC	2040	Principles of Meat Animal Evaluation	3		
Credit hours subtotal:			17		

Senior Fall Semester

AGEC	4830	Agricultural Commodities & Future Markets	3		Can substitute AGECE 4840 (Agricultural Market Analysis)
AGEC	4640	Advanced Farm/Ranch Management	3		
ANSC	4540	Principles of Animal Breeding	3	C	
FDSC	3060	Principles of Meat Science	3	C	
ANSC	4120	Principles of Mammalian Reproduction	3	C	
Credit hours subtotal:			15		

Senior Spring Semester

AGEC	4060	Agribusiness Management	3		
AGEC	4880	International Ag Trade, Markets, and Policy	3		Can substitute AGECE 4280 (Int'l Food & Farm Cultures) or ECON 4720 (International Trade)*****
AGEC	4970	Technical Communication in Agribusiness	3		C3; can substitute AGECE 4965 (Agribusiness Strategy & Ethics Capstone)
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:			12		

TOTAL CREDIT HOURS 120

**** 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

***** The major requires students to earn 18 hours of upper division credit in Agricultural Economics (AGECE), not including the courses necessary to

4 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/>.

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, review course descriptions in the *University Catalog*, and consult with an academic advisor. Not all courses are offered every semester and some electives may have prerequisites.