



**B.S. Agricultural Business
Livestock Business Management
2020-2021 Catalog**

**University of Wyoming
B.S. Agricultural Business**

Livestock Business Management	cr	Min Grade	Notes
USP - University Studies Program Requirements			
USP: First Year Seminar	3		FYS
USP: Communications I	3		C1: ENGL 1010 recommended or equivalent C1 course.
USP: Communications II	3		C2
USP: Communications III (AGEC 4965 or 4970 required for major)	3		C3
USP: US & Wyoming Constitutions	3		V
USP: Human Culture	3		H
	3		H cannot be fulfilled with AGECE or ECON courses.
USP: Quantitative			
MATH 1400 College Algebra	3		Q
MATH 2350 Business Calculus	4		(Required for major)
USP: Physical & Natural World			PN
CHEM 1000 Introductory Chemistry	4		These are required for major. PN cannot be fulfilled with AGECE or ECON courses.
LIFE 1010 General Biology	4		
Credit hours subtotal:			36
Agricultural Economics			
31 credit hours, See Ag Econ note below.			
AGEC 1010 Principles of Macroeconomics	3		
AGEC 1020 Principles of Microeconomics	3		
AGEC 2020 Farm and Ranch Business Management	4		
Choose one:			
AGEC 3400 Agricultural Law			
AGEC 4710 Natural Resource Law and Policy	3		
Choose one:			
AGEC 4050 Agribusiness Marketing			
MKT 3210 Introduction to Marketing	3		
AGEC 4060 Agribusiness Management	3		
AGEC 4640 Advanced Farm/Ranch Management	3		
Choose one:			
AGEC 4830 Agricultural Commodities and Futures Markets			AGEC 4840 may not be double counted for both Agricultural Economics and Quantitative Skills.
AGEC 4840 Agricultural Market Analysis	3		
Choose one:			
AGEC 4880 International Agricultural Trade, Markets and Policy			
AGEC 4280 International Food and Farm Cultures			
ECON 4720 International Trade	3		
AGEC 4500 Agricultural Finance	3		
Credit hours subtotal:			31

Additional Quantitative Skills		
10 credit hours		
Choose one:		
STAT 2050 Fundamentals of Statistics		
STAT 2070 Introductory Statistics for the Social Sciences	4	
Choose one:		
COSC 1200 Computer Information Systems		COSC 1200 suggested for most students. AGRI 1010 for inexperienced users, IMGT 2400 for advanced users.
IMGT 1400 Introduction to Business Analytics		
AGRI 1010 Computers in Agriculture	3	
Choose one:		
AGEC 4230 Intermediate Econometric Theory		
AGEC 4840 Agricultural Market Analysis		
STAT 3050 Statistical Methods - General		
IMGT 1400 Introduction to Business Analytics		
IMGT 3400 Database Management Systems		
MATH 2355 Mathematical Applications for Business		
ACCT 2010 Principles of Accounting I		
ACCT 2020 Principles of Accounting II	3-4	
Credit hours subtotal:		10
Biology of Livestock		
17 credit hours		
LIFE 2022 Animal Biology	4	
LIFE 3050 Genetics	4	
FDSC 2040 Principles of Meat Animal Evaluation	3	
FDSC 3060 Principles of Meat Science and Muscle Biology	3	
ANSC 4540 Principles of Animal Breeding	3	
Credit hours subtotal:		17
Additional Biology of Livestock		
20 credit hours		
ANSC 1010 Introduction to Animal Science	4	
ANSC 2020 Feeds and Feeding	4	
ANSC 4050 Animal Growth and Development	3	
REWM 2000 Principles of Rangeland Management	3	
REWM 4100		
Nutritional Ecological Management of Range Herbivores	3	
Choose one:		
REWM 4000 Poisonous Plants and Plant Toxins		
PATB 4110 Diseases of Food Animals	3	
Credit hours subtotal:		20
Supporting Economics		
ECON 3020 Intermediate Microeconomics	3	
Credit hours subtotal:		3
General Electives		
Elective	3-4	Electives should work to fulfill upper division requirement.
Credit hours subtotal:		3-4
B.A. Agricultural Business, Livestock Business Management		
total credit total:		120

B.S. Agricultural Business, Livestock Business Management Program Notes:

This curriculum is for students intending to work in any sector of the livestock and meat industry ranging from input suppliers to ranches, feedlots, meat packing companies, marketing and sales agents, futures/commodities exchange groups, policy makers and international trade organizations. In this option, courses in farm and ranch management, ag finance, marketing and trade are supplemented with courses in animal science, biology, range management, food science, data analysis and other disciplines. Students may pursue a minor in Animal Science as part of this option but can choose the non-minor version instead (this plan represents the non-minor). Students will gain a broad understanding of both the business and science of the livestock industry.

- The major requires students to earn a minimum of 42 credits at the 3000/4000 level for graduation. At least 30 of the 42 credits must be earned from UW.
- **AG Econ:** Thirty one (31) credits in Ag Econ beyond those earned to satisfy the USP requirements. Twenty one (21) of these 31 credit hours must be at the 3000-4000 level.
- See the "Prerequisite and MPE Cut Score Reference Chart" on the math Placement website for the most up-to-date math placement equivalencies: <http://uwyo.edu/mathstats/math-placement>
- Students may not take a course for S/U credit to satisfy any requirement, unless the course is offered for S/U credit only.

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 single 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.

College of Agriculture and Natural Resources

The Department of Agriculture and Applied Economics does not allow AG Economics (AGEC) or Economics (ECON) courses to fulfill the USP Human Culture (H) requirement. If pursuing a minor in the College of Business, a grade of C or better must be earned in coursework applying to the minor as well as an overall GPA of 2.5 or better.

- At least 30 hours in the major subject must be completed with a grade of C or better (individual majors may require more).

The University of Wyoming Office of the Registrar provides final approval of degree completion requirements prior to the awarding of any degree.