

Animal and Veterinary Science

BUSINESS OPTION

Use your knowledge of business to make management and production decisions for livestock-related industries.

THIS MAJOR IS A GOOD FIT IF YOU CAN SEE YOURSELF:

WORKING FOR BUSINESSES that rely on domestic animals such as cattle, sheep, and horses

MAKING DECISIONS about budgets, production levels, and marketing strategies in animal agriculture

USING COMMUNICATION and leadership skills to work in teams that may include accountants, veterinarians, environmental scientists, and engineers

This major teaches you business fundamentals—such as management, marketing, accounting, and communication—as they apply to livestock industries. It also provides a solid understanding of animal sciences, including reproduction, nutrition, growth, and health. The coursework prepares you to make important business management decisions about animal production.

Emerging niche markets and concerns for environmental sustainability create opportunities for exciting new products and business practices in the livestock industry.

INSIDE THE CLASSROOM

Balance courses in accounting, economics, communications, business management, and marketing with courses in animal and meat sciences. Get hands-on animal experience in on-campus labs and animal centers. Learn how to maximize the value of retail cuts at the meat science laboratory. Explore pregnancy rates and grazing management systems at our beef and sheep centers. Senior year, you will integrate lessons from business and animal science. You might determine the efficiency of a cow-calf operation, examine how horses are bred and sold, or develop a plan for marketing a swine vaccine.

OUTSIDE THE CLASSROOM

INTERN. Get practical experiences like these: **NANCY M. CUMMINGS RESEARCH, EXTENSION AND EDUCATION CENTER** Help feed and care for 400 cross-bred mother cows at the UI's ranch near Salmon, Idaho . . . **IDAHO BEEF COUNCIL** Work on promotion and marketing for the beef industry . . . **LIVESTOCK MARKETING INFORMATION CENTER** Apply new decision making tools to determine how to successfully introduce products into the market.

STUDY ABROAD. Deepen your understanding of your major—and the world—in countries like these: **MEXICO** Visit family-run ranches . . . **TAIWAN** Tour food production facilities . . . **AUSTRALIA** Visit a country that prizes its beef industry.

DO RESEARCH. Make hands-on discoveries. Collect and analyze feed samples in beef, dairy, and sheep nutrition laboratories. Analyze the hormone composition of blood in the bovine or equine reproductive physiology labs. Evaluate alternative uses of waste products from a meat processing facility. Care for animals at the beef, dairy, and sheep centers. Paid positions are available.

GET INVOLVED. Network and have fun. **STUDENT IDAHO CATTLE ASSOCIATION, LIVESTOCK AND MEATS JUDGING TEAMS, BLOCK AND BRIDLE** Visit farms and ranches. Practice judging and showing livestock . . . **AGRIBUSINESS CLUB** Meet business leaders and potential employers . . . **NATIONAL**

FASTFACT

Students produce our signature Vandal dogs, holiday hams, and other Vandal Brand Meats and sell them at our on-campus retail store.

AGRICULTURAL MARKETING ASSOCIATION Join the student chapter and attend national meetings.

CAREER OPPORTUNITIES

Almost all of our graduates receive job offers upon graduation, with starting salaries of up to \$50,000. Work in business, for government, and for nonprofit organizations.

Here are a few possibilities:

PRODUCTION MANAGER. Manage the production processes of a dairy, meat processing firm, or feedlot.

BUSINESS OWNER. Direct all operations of a farm, ranch, or other agribusiness.

SALES REPRESENTATIVE. Sell veterinary supplies and medicine for a pharmaceutical or animal product company.

MARKETING DIRECTOR. Make decisions about marketing strategies and advertising for a ranch or farm cooperative, pharmaceutical or equipment manufacturer, or food-processing company.

ANALYST. Gather and interpret data about the livestock industry to promote the interests of a state or national organization and support its lobbying efforts.

COMBINE YOUR EDUCATION. A second language can open doors to careers with companies that do business internationally. Take additional courses in agribusiness, agricultural economics, and animal sciences.

CONTINUE YOUR EDUCATION. Pursue an advanced degree in business, law, nutrition, genetics and breeding, reproductive physiology, or other specialized fields.

FIND OUT MORE ABOUT THE UNIVERSITY OF IDAHO ANIMAL AND VETERINARY SCIENCE MAJOR

WWW.UIDAHO.EDU/CALS/AVS

	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	
FALL	AVS 109 4 Science of Animals that Serve Humanity	Acct 201 3 Intro. to Financial Accounting	AVS 305 3 Animal Nutrition	AVS 450 1 Issues in Animal Agriculture	
	Engl 101 3 Intro. to College Writing	AgEc 278 4 Farm & Agribusiness Management	Blaw 265 3 Legal Environment of Business	AVS 452 4 Physiology of Reproduction	
	ISEM 101 3 Integrated Seminar or Elective	AVS 271 3 Anatomy & Physiology	Comm 101 2 Fundamentals of Public Speaking	AVS 472 3 Dairy Cattle Management	
	Math 143 3 Pre-calculus Algebra & Analytic Geometry	AVS 273 1 Anatomy & Physiology Lab	Stat 251 3 Statistical Methods	AgEc 3 Elective—Upper-division	
	Elective 3 Elective	Chem 111 4 Principles of Chemistry I	Elective 3 Elective	AgEc 5 Elective—Upper-division	
		Elective 3 Elective		Elective 3 Elective—Business	
				Elective 3 Elective—International	
	TOTAL 16	TOTAL 18	TOTAL 14	TOTAL 19	
	SPRING	AVS 209 4 Science of Animal Husbandry	Acct 202 3 Intro. to Managerial Accounting	AgEc 301 3 Agricultural Economics I or AgEc 302	AgEc 3 Elective—Upper-division
		Biol 115 4 Cells & the Evolution of Life	AgEc 289 3 Agricultural Markets & Prices	AgEc 302 3 Agricultural Economics II	AgEc 3 Elective—Upper-division
Econ 202 3 Principles of Economics		AVS 222 3 Animal Reproduction & Breeding	AVS 306 4 Feeds & Ration Formulation	AVS 466 3 Horse Science & Management or AVS 474	
Engl 102 3 College Writing & Rhetoric		Chem 275 3 Carbon Compounds	AVS 363 3 Animal Products for Human Consumption	AVS 474 3 Beef Cattle Science or AVS 476	
ISEM 101 3 Integrated Seminar or Elective		Econ 201 3 Principles of Economics	Engl 313 3 Business Writing or Engl 317	AVS 476 3 Sheep Science	
Elective 3 Elective—Humanities or Social Sciences		Elective 3 Elective	Engl 317 3 Technical Writing	AVS 471 3 Animal Disease Management	
			Elective 3 Elective	Elective 3 Elective—Business	
				Electives 5-7 Electives	
TOTAL 17		TOTAL 18	TOTAL 16	TOTAL 17-19	

Total for degree = 132 credits. Course offerings may change from year to year. Always check the current course catalog.

TO LEARN MORE
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