ANIMAL SCIENCE

Whether your goals lie in livestock production or veterinary school, we’ll help you get there. Explore a career in Animal Science as you work toward a degree that emphasizes science-based animal management and environmental systems along with current and emerging technologies and techniques. Follow your interests in livestock production and management or one of many other allied industries such as production, artificial insemination, and livestock or farm equipment support and sales. You can also work toward graduate or veterinary school.

Some golden nuggets to consider...

MAJOR EMPHASIS AREAS
- Animal Science: leads graduates to careers within the livestock industry, such as production and management, nutritionists, artificial insemination, livestock and farm equipment support/sales, pharmaceutical sales, and veterinary assistants.
- Pre-Veterinary Medicine: pursue a career of becoming a veterinarian. Students are exposed to traditional classroom instruction, as well as hands-on/experiential learning in the laboratory.
*Preparation for Veterinary School.*

A FOCUS ON EXPERIENTIAL LEARNING
- The University Teaching and Outreach Center (UTOC) is located on the north end of the campus. It houses the Animal and Equine Science faculty offices, networked classrooms, a science lab, and stables. Livestock facilities are centrally located.
- Labs are held in the on-campus barns with University-owned herds of beef cattle, goats, and sheep.
- Clubs on campus: Animal Science Association (ASA), American Pre-Veterinarian Medical Association, Dairy Club, Ag Arama Club, & Collegiate FFA
- Students have hands-on experiences such as:
  - Ultrasounds
  - Lamb out sheep and cafe out cows
  - Learn to give injections and draw blood
  - Handle and restrain animals
  - Equipment use
  - Terminology
  - Reproduction and feeds

Ask about the VetFAST Program!

CAREER OPPORTUNITIES
- Agricultural Lending
- Animal Nutrition
- Breeder Consultation
- Dairy/Livestock Farm or Ranch Ownership
- Reproduction Systems Production Management
- Research and Lab Technician
- Small Animal Entrepreneurship
- Veterinary Assistantship
- Zoos and Kennels

Starting Salary: $30,000 - $45,000
Animal Science Core Requirements
- Introduction to Animal Science
- Animal Evaluation
- Feeds and Feeding
- Livestock Facilities and Environmental Systems
- Animal Breeding
- Applied Animal Nutrition
- Animal Anatomy and Physiology
- Dairy Production
- Beef Production
- Reproduction, AI, and Lactation
- Animal Health and Disease
- Animal Systems Management
- Beef and Dairy Production Techniques or
- Sheep and Swine Production Techniques

Animal Science Emphasis
- Farm Business Management
- Grain and Livestock Marketing
- Advanced Animal Evaluation
- Elementary Bioorganic Chemistry

Pre-Veterinary Medicine Emphasis
- General Zoology
- Chemical Principles I
- Chemical Principles II
- Chemical Principles I Laboratory
- Chemical Principles II Laboratory
- Organic Chemistry I
- Organic Chemistry Laboratory I
- Biochemistry
- Introductory College Physics I
- Introductory College Physics II

Contact Us Today!
(218) 281-8569 | umcinfo@umn.edu
www.umcrookston.edu/animalscience

The University of Minnesota is an equal opportunity educator and employer.