

Focusing Education on the Future!



CAREER PATHWAY ANIMAL SYSTEMS

Dual or Tech/Career Seal

People with careers in the Animal Systems pathway develop better, more efficient ways of producing and processing meat, poultry, eggs and dairy products. They study genetics, nutrition, reproduction, growth and the development of domesticated farm animals. One may inspect and grade livestock food products, purchase livestock or work in technical sales or marketing.

Major Courses

Students must take **THREE** pathway concentration courses and **ONE** additional pathway elective course.

Pathway Concentration Courses (3):

- Agriscience Principles & Technology I
- Agriscience Principles & Technology II
- Agriscience Principles & Technology III
- Basic Agricultural Science & Technology

Pathway Elective Courses (1):

- Apprenticeship/Internship
- Other Pathway Concentration Course

Other Recommended Courses

- Biology
- Business Essentials
- Chemistry
- Economics
- Environmental Science

Post-Secondary Degrees, Diplomas, & Certificates

Technical Colleges

- Veterinary Assistant
- Veterinary Medicine
- Veterinary Technology

Colleges/Universities

- Animal Health
- Animal Science
- Poultry Science
- Veterinary Medicine
- Veterinary Pathology



Agricultural Educator
Livestock Producer
Aquaculturalist
AI Technician
Animal Caretaker
Equine Manager
Farm Manager

Veterinarian
Veterinary Assistant
Feedlot Specialist
Animal Scientist
Livestock Buyer
Feed Sales Representative
Poultry Service Technician

Embryo Technologist
Avarian Technician
Wildlife Biologist
Livestock Geneticist
Animal Nutritionist
Animal Geneticist
County Extension Agent

Dairy Producer
Meat Science Researcher
Reproductive Physiologist
Embryo Transfer Technician
Pet Shop Operator
USDA Inspector
Poultry Manager

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EMPLOYMENT OUTLOOK

Demand for food and fiber will increase due to the growth in world population and in the demand for U.S. agricultural exports as developing nations improve their economies and personal incomes. Food research will result in additional job opportunities for food scientists and technologists. This research will be stimulated by a heightened public focus on diet, health, and food safety. Aquaculture will continue to provide some new employment opportunities over the next decade. The growing demand for certain seafood items has spurred the growth of aquaculture farms. As a result, continued growth is expected. Opportunities for veterinarians is also expected to increase.