Science of Large Agricultural Animals - 0161

Course imparts information about the care and management of domesticated animals. Animal nutrition, health, reproduction, genetics, facilities, and marketing are all possible topics; Study of anatomy and physiology of livestock and other domesticated animals. Examination of developmental stages and analysis of feed ration for different parts of an animal's life cycle. Identification of environmental factors that affect an animal's performance, and recognition of animal behaviors to facilitate working with animals safely.

ANIMAL SCIENCE

Analyze Preset and Future Trends in the Animal Science Industry

Identifying Career Opportunities in the Animal Science Industry

Exploring the Beef Industry

Exploring the Swine Industry

Exploring the Sheep and Goat Industry

Exploring the Poultry Industry

Exploring the Exotic Breeds Industry

Meeting Nutritional Needs of Animals

Understanding Animal Digestion

Understanding Nutrients and their Importance

Balancing Rations

Anatomy and Physiology of Animal Reproduction Systems

Understanding Natural Animal Reproduction

Understanding Animal Reproduction Technology

Understanding Genetics

Understanding Molecular Biotechnology

Understanding Organismic Biotechnology

Managing Diseases and Parasites

Managing Animal Health

Identifying Equipment Used to Maintain Good Animal Health

Determining Livestock Facility Needs

Managing Livestock Wastes

Understanding Animal Welfare Issues

Understanding Supply and Demand Concepts

Understanding Future Contracts and Government Programs

Training and Conditioning

Consumer Preferences