

# Veterinary Science

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## Animal Husbandry

- Identify specific requirements for animal health based on production status (meat, dairy, etc.).
- Describe the human-animal bond and its importance in society.
- Summarize the basic principles of the Tennessee Beef Quality Assurance program (BQA).

## Animal Health and Disease

- Compare basic differences in animal anatomy and physiology between herbivores, carnivores and omnivores.
- Describe the causes, symptoms and treatments for a disease of interest.
- Explain the biosecurity measures necessary for preventing diseases from entering a farm.

## Veterinary Roles

- Demonstrate knowledge and skills in handling and examining animal species of interest.
- Implement humane and responsible treatment of animals.
- Explain the basic principles of food safety related to animal care and feeding.
- Create a list of scheduled vaccinations for an animal of your choice.
- Describe the components of an animal's physical examination by a veterinarian.
- Analyze the actions of veterinary staff during animal care activities through observation.





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