

# VET 236: Vet Microbiology & Parasitology

This online course is designed to provide students with practical knowledge of common pathogens in various animal species. Students will learn how to select and collect samples and data for laboratory processing or submission to another laboratory. Topics include identification of causative agents of diseases; classification and nomenclature of bacteria; morphology and physiology of bacteria; bacteria and disease; laboratory procedures in bacteriology; gram positive and gram negative bacteria; spiral and curved bacteria; actinomycetes organisms; fungi; virology; review of common small animal, exoticanimal and avian parasites, equine and food animal parasitology. Upon course completion, the student should be able to properly collect and handle bacteriological specimens, identify organisms by gram staining, and have a basic knowledge of large animal parasite life cycles, as well as methods of identification of the commonly encountered parasites.

**Credits:** 3

**Lab Hours:** 0

**Lecture Hours:** 3

**Prerequisites:**

VET 110

VET 112

VET 114

**Co-Requisites:**

None