

VET 236: Veterinary Parasitology and Microbiology

This 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 may include but are not limited to the 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 parasites of various animal species. Upon course completion, the student should be able to properly collect and handle bacteriological specimens, identify organisms by various staining procedures, and have a basic knowledge of parasite life cycles, as well as methods of identification of the commonly encountered parasites.

Credit Hours: 3

Lecture: 3

Lab: 0

Clinical/Practicum: 0

Credits: 3

Prerequisites:

VET 110

VET 112

VET 114

Co-Requisites:

None