

# VM - Veterinary Medicine

## **VM 500 Animals, Society, and the Veterinarian: 1 Credits (1 Lab)**

Active participation in activities designed to enhance personal growth, character development and leadership skills for the professional veterinary student.

## **VM 501 International Veterinary Medicine: 1 Credits (1 Lec)**

Important veterinary medicine issues and constraints facing the global community.

## **VM 508 Veterinary Research Orientation: 1 Credits (1 Lec)**

Identifying and developing a focused area of scholarly activity in biomedical research.

## **VM 509 Veterinary Research Issues, Ethics, and Literacy: 1 Credits (1 Lec)**

Philosophy and history of methodological, ethical and political issues relevant to biomedical research using selected monographs and essays.

## **VM 510 Veterinary Microscopic Anatomy: 4 Credits (1 Lec, 3 Lab)**

PREREQUISITE: Veterinary Medicine student. Microscopic functional morphology of the cell, tissues, and selected organ systems of domestic animals

## **VM 511 Veterinary Anatomy I: 5 Credits (1 Lec, 4 Lab)**

PREREQUISITE: Veterinary Medicine student. Detailed macroscopic functional morphology of the dog with comparison to other domestic animals; developmental anatomy of selected organ systems

## **VM 512 Veterinary Anatomy II: 4 Credits (1 Lec, 3 Lab)**

PREREQUISITE: VM 511. Detailed macroscopic functional morphology of domestic animals

## **VM 513 Veterinary Physiology I: 4 Credits (4 Lec)**

PREREQUISITE: Veterinary Medicine student. Cell physiology focusing on endocrine, paracrine, and neurotransmission signaling processes, transcriptional and translational control, and methodologies relevant to medicine

## **VM 520 Veterinary Physiology II: 5 Credits (4 Lec, 1 Lab)**

PREREQUISITE: VM 510, VM 513. This is the second of a two-semester veterinary physiology course

## **VM 521 Introduction to Veterinary Neurology: 3 Credits (2 Lec, 1 Lab)**

PREREQUISITE: VET MED 510. Neuroanatomical and neurophysiological bases of veterinary neurology, emphasizing central and peripheral sensory and motor systems

## **VM 534 Veterinary Immunology: 3 Credits (2 Lec, 1 Lab)**

PREREQUISITE: Veterinary Medicine student. Immunology for the professional veterinary student

## **VM 545 General Pathology: 3 Credits (2 Lec, 1 Lab)**

PREREQUISITE: Veterinary Medicine student. Structural and functional alterations in disease; elementary oncology. Cooperative: Open to UI degree-seeking students

## **VM 562 Complementary Alternative Veterinary Medicine: 1 Credits (1 Lec)**

Presentation and discussion of complementary and alternative veterinary medicine theories and techniques.

## **VM 568 Animal Handling and Animal Agriculture Orientation: 2 Credits (1 Lec, 1 Lab)**

PREREQUISITE: Veterinary Medicine student. Introduction to clinical restraint procedures, physical exam and treatment procedures, and clinical behavior and management

## **VM 580 Basic Nutrition: 1 Credits (1 Lec)**

PREREQUISITE: Veterinary Medicine student. Introduction to the concepts of basic nutrition designed for the first year veterinary student

## **VM 581 Agricultural Animal Problem Seminar: 1 Credits (1 Lec)**

Presentation and discussion of agricultural animal veterinary cases from the Washington Animal Disease Diagnostic Laboratory.

## **VM 586 Principles of Surgery: 1 Credits (1 Lec)**

PREREQUISITE: Veterinary Medicine student. Principles of surgery for the professional veterinary student

## **VM 596 The Business of Veterinary Practice: 1 Credits (1 Lec)**

Presentation and discussion of business strategies involved in achieving a successful veterinary career and running a veterinary practice.

## **VM 598 Introduction to Clinics: 1 Credits (1 Lab)**

PREREQUISITE: Veterinary Medicine student. Introduction to the practice of clinical veterinary medicine and surgery, including records, presentation and protocol