

# VETERINARY MEDICAL EDUCATION (VME)

## VME 7111 Critical Thinking, Clinical Skills, & Communication I

**Prerequisites:** First-year standing in the College of Veterinary Medicine.

**Description:** This course is the first in a series that will focus on the growth of clinical reasoning, communication and technical skills necessary for the development and training of students in the DVM program. Students will further expand with practice and exposure through a series of clinical skills courses spanning years 1-3 of the curriculum with increasing complexity, understanding and integration of knowledge.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Professional

**Schedule types:** Clinical

**Department/School:** Dean of Veterinary Med

## VME 7121 Professional Skills I

**Prerequisites:** First-year standing in the College of Veterinary Medicine.

**Description:** Introduction to non-technical aspects of veterinary medicine that are critically important in practice and success in the profession. Main topics include career options under the umbrella of veterinary medicine, jurisprudence, ethics, government regulations, stressors in practice, coping mechanisms and self-management skills for the profession.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Professional

**Schedule types:** Lecture

**Department/School:** Dean of Veterinary Med

## VME 7136 Physiology & Histology I

**Prerequisites:** First-year standing in the College of Veterinary Medicine.

**Description:** Scientific, evidence-based veterinary practice is based on an understanding of the normal function of the veterinary patient. The purpose of this course, as well as the following course (Physiology & Histology II) is to provide the students in the veterinary professional curriculum with clinically relevant knowledge of normal physiology through the full-range of animal organization (cellular, tissue, organ, organ system, and organism). This course will also provide the necessary foundation to support subsequent courses throughout the veterinary professional curriculum related to the diagnosis, treatment, and prevention of animal diseases.

**Credit hours:** 6

**Contact hours:** Lecture: 6 Contact: 6

**Levels:** Professional

**Schedule types:** Lecture

**Department/School:** Dean of Veterinary Med

## VME 7144 Gross & Developmental Anatomy

**Description:** Embryology and anatomy of domestic mammals using the dog as the primary model, integrated lecture-dissection laboratory format. Emphasis on the integration of developmental gross, radiographic and applied aspects of veterinary anatomy as they relate to a topographical appreciation of the living individual. Previously offered as VMED 7144.

**Credit hours:** 4

**Contact hours:** Lecture: 1 Lab: 6 Contact: 7

**Levels:** Professional

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Dean of Veterinary Med

## VME 7153 Immunology

**Description:** Basic principles of immunology and their application to veterinary medicine. Course previously offered as VMED 7250 and VMED 7253.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Professional

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Dean of Veterinary Med

## VME 7161 Epidemiology & Evidence-Based Medicine

**Prerequisites:** First-year standing in the College of Veterinary Medicine.

**Description:** Principles and uses of evidence-based practice of veterinary medicine; comprehension and utilization of scientific research; interpretation of basic concepts of observational study of disease.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Professional

**Schedule types:** Lecture

**Department/School:** Dean of Veterinary Med

## VME 7171 Nutrition

**Prerequisites:** First-year standing in the College of Veterinary Medicine.

**Description:** Students will learn skills to evaluate for nutritional sufficiency in individual patients or group/herd management, symptoms of nutritional deficiencies and toxicities, and the value of therapeutic diets for various disease conditions in small and large animals.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Professional

**Schedule types:** Lecture

**Department/School:** Dean of Veterinary Med

## VME 7211 Critical Thinking, Clinical Skills, & Communication II

**Prerequisites:** First-year standing in the College of Veterinary Medicine.

**Description:** This course is in the second in a series that will focus on the growth of clinical reasoning, communication, and technical skills necessary for the development and training of students in the DVM program. Students will further expand with practice and exposure through a series of clinical skills courses spanning years 1-3 of the curriculum with increasing complexity, understanding, and integration of knowledge. Graded on a pass/fail basis.

**Credit hours:** 1

**Contact hours:** Contact: 1 Other: 1

**Levels:** Professional

**Schedule types:** Clinical

**Department/School:** Dean of Veterinary Med

**VME 7221 Professional Skills II**

**Prerequisites:** First-year standing in the College of Veterinary Medicine.  
**Description:** Introduction to non-technical aspects of veterinary medicine that are critically important in practice and success in the profession.  
**Credit hours:** 1  
**Contact hours:** Lecture: 1 Contact: 1  
**Levels:** Professional  
**Schedule types:** Lecture  
**Department/School:** Dean of Veterinary Med

**VME 7236 Physiology & Histology II**

**Prerequisites:** First-year standing in the College of Veterinary Medicine.  
**Description:** Scientific, evidence-based veterinary practice is based on an understanding of the normal function of the veterinary patient. The purpose of this course is to provide the students in the veterinary professional curriculum with clinically relevant knowledge of normal physiology through the full range of animal organization (cellular, tissue, organ, organ system, and organism) as a continuation of Physiology & Histology I. This course will also provide the necessary foundation to support subsequent courses throughout the veterinary professional curriculum related to the diagnosis, treatment, and prevention of animal diseases.  
**Credit hours:** 6  
**Contact hours:** Lecture: 6 Contact: 6  
**Levels:** Professional  
**Schedule types:** Lecture  
**Department/School:** Dean of Veterinary Med

**VME 7243 Comparative Anatomy**

**Description:** Comparative and functional gross anatomy of domestic mammals. Emphasis on the integration of developmental gross, radiologic, and applied clinical aspects of veterinary anatomy as they relate to a topographical appreciation of the living individual, integrated lecture-dissection laboratory format. Course previously offered as VMED 5243 and VMED 7243.  
**Credit hours:** 3  
**Contact hours:** Lecture: 1 Lab: 4 Contact: 5  
**Levels:** Professional  
**Schedule types:** Lab, Lecture, Combined lecture and lab  
**Department/School:** Dean of Veterinary Med

**VME 7253 Clinical Pathology**

**Prerequisites:** First-year standing in the College of Veterinary Medicine.  
**Description:** Basic concepts pertinent to data interpretation and laboratory methods used in evaluation of disease. Course previously offered as VMED 7363.  
**Credit hours:** 3  
**Contact hours:** Lecture: 2 Lab: 2 Contact: 4  
**Levels:** Professional  
**Schedule types:** Lab, Lecture, Combined lecture and lab  
**Department/School:** Dean of Veterinary Med

**VME 7264 General Pathology**

**Description:** Cellular and tissue pathology, pigments, inflammation, immunopathology, disturbances of growth and circulation, and neoplasia. Functional disturbances that accompany changes in structures as well as the causes and pathogenesis of diseases. Course previously offered as VMED 5264 and VMED 7264.  
**Credit hours:** 4  
**Contact hours:** Lecture: 3 Lab: 2 Contact: 5  
**Levels:** Professional  
**Schedule types:** Lab, Lecture, Combined lecture and lab  
**Department/School:** Dean of Veterinary Med