

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: Lab: 2 Contact: 2

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 Veterinary 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 Veterinary 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 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: Lab: 2 Contact: 2

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

VME 7312 Critical Thinking, Clinical, Skills, & Communication III

Description: -

Credit hours: 2

Contact hours: Lab: 4 Contact: 4

Levels: Professional

Schedule types: Clinical

Department/School: Dean of Veterinary Med

VME 7325 Veterinary Parasitology

Credit hours: 5

Contact hours: Lecture: 3 Lab: 4 Contact: 7

Levels: Professional

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Dean of Veterinary Med

VME 7333 Pharmacology I

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Professional

Schedule types: Lecture

Department/School: Dean of Veterinary Med

VME 7343 Diagnostic Imaging

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 7353 Veterinary Virology

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Professional

Schedule types: Lecture

Department/School: Dean of Veterinary Med

VME 7363 Toxicology

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Professional

Schedule types: Lecture

Department/School: Dean of Veterinary Med

VME 7412 Critical Thinking, Clinical Skills, & Communication IV

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

Description: This course is the fourth 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 14 of the curriculum with increasing complexity, understanding and Integration of knowledge.

Credit hours: 2

Contact hours: Contact: 4 Other: 4

Levels: Professional

Schedule types: Clinical

Department/School: Dean of Veterinary Med

VME 7421 Professional Skills III

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

Description: This course continues instruction in the non-technical aspects of veterinary education focused on personal and professional development. The course is divided into two sections. The first set of topics is focused on personal development focused on relationships in a practice setting: providing constructive feedback to peers and mentors, utilizing feedback to enhance team performance and developing effective leadership skills. The second set of topics identifies strategies to apply the principles of successful veterinary practice management

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Professional

Schedule types: Lecture

Department/School: Dean of Veterinary Med

VME 7433 Food Safety & Public Health

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

Description: Approaches and skills for identifying, investigating and mitigating occurrences of disease outbreaks; introduction to zoonotic diseases; role veterinarians play in protecting public health; potential human health hazards in foods of animal origin. Course previously offered as VMED 5313 and VMED 7413.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Professional

Schedule types: Lecture

Department/School: Dean of Veterinary Med

VME 7444 Veterinary Bacteriology & Mycology

Prerequisites: Second-year standing in College of Veterinary Medicine.

Description: Important animal diseases caused by bacteria and fungi will be covered on a system basis. Mechanisms of infectious disease processes and the relationship of such processes to disease development, diagnosis, treatment and control. The relationship of zoonotic diseases to community and environmental health as well as important zoonoses. Course previously offered as VMED 7350 and VMED 7354.

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

VME 7452 Pharmacology II

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

Description: Continuation of VMED 7333 that includes the mechanisms of action, disposition, adverse effects, and indications for groups of pharmacological agents used in veterinary medicine. Course previously offered as VMED 5432 and VMED 7432.

Credit hours: 2

Contact hours: Lecture: 2 Contact: 2

Levels: Professional

Schedule types: Lecture

Department/School: Dean of Veterinary Med

VME 7463 Anesthesiology & Analgesia

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

Description: Application of the principles of veterinary anesthesiology to incorporate fundamental aspects of physiology and pharmacology in the anesthetic management of important domestic species. Course previously offered as VMED 5412 and VMED 7412.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Professional

Schedule types: Lecture

Department/School: Dean of Veterinary Med

VME 7472 Hemolymphatics & Oncology

Description: Pathogenesis, diagnosis, pathology, medical and surgical treatment, and prevention of diseases related primarily to the blood and lymphatic system. Same course as CBSC 5482. Previously offered as VMED 5582 and VMED 7482.

Credit hours: 2

Contact hours: Lecture: 2 Contact: 2

Levels: Professional

Schedule types: Lecture

Department/School: Dean of Veterinary Med

VME 7481 Introduction to Exotic Animal Medicine

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

Description: This course will provide introductory level knowledge on exotic animal (avian, reptile, and small mammals) medicine. Course will focus on common species and will provide information on the species natural history and biology, common diseases/presentations, and preventive medicine. The content covered by this class will focus on the basic knowledge a general practitioner should have to provide basic care for non-traditional species.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Professional

Schedule types: Lecture

Department/School: Dean of Veterinary Med