

# VETERINARY MEDICINE-VM (VM)

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## Courses

### VM 603 Veterinary Science: Research and Methods Credit: 1 (1-0-0)

**Course Description:** Conduct of responsible research, contributions of research to the practice of veterinary medicine, and career opportunities.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### VM 606 Veterinary Immunology Credits: 3 (3-0-0)

**Course Description:** Infectious agents, immune-mediated diseases, immune deficiencies, and principles of vaccination.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### VM 610 Foundations of Veterinary Medicine I Credit: 1 (.5-1.5-0)

**Course Description:** Development of professional skills (ethics, communication, physical exam, surgical skills) necessary for the practice of veterinary medicine.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Must register for lecture and laboratory. Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### VM 611 Foundations of Veterinary Medicine II Credit: 1 (.5-1.5-0)

**Course Description:** Development of professional skills (ethics, communication, physical exam, surgical skills) necessary for the practice of veterinary medicine.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Must register for lecture and laboratory. Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### VM 612 The Healer's Art Credit: 1 (0-0-1)

**Course Description:** Exploration of student experiences, beliefs, and values related to their work as veterinary medical professionals.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Modes:** S/U Sat/Unsat Only, Traditional.

**Special Course Fee:** No.

### VM 616 Functional Anatomy Credits: 9 (5-8-1)

**Course Description:** Intensive study of the gross anatomy of domestic animals. Anatomy studied comprises canine, feline, bovine, equine, small ruminant, and porcine species. Emphasis is on canine and equine anatomy. Comparative understanding of the anatomy of organ systems will support clinical instruction in the professional curriculum.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Must register for lecture, lab, and recitation. Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### VM 618 Veterinary Physiology and Histology Credits: 7 (6-2-0)

**Course Description:** Physiology and microscopic anatomy of endocrine, hemopoietic, lymphatic, cardiovascular, respiratory, gastrointestinal, and urinary systems in selected domestic animals.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Must register for lecture and laboratory. Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### VM 619 Veterinary Neurobiology Credits: 4 (3-3-0)

**Course Description:** Structural and functional foundations of nervous system activity; introduction to clinical neurology.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Must register for lecture and laboratory. Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 620 Introduction to Spanish for Veterinarians Credits: 2 (2-0-0)**

**Course Description:** Focus on basic Spanish structures and lexicon relevant to small and large animal veterinary communication with Spanish-speaking pet owners and livestock workforces. Familiarizes the fundamental grammatical functions and vocabulary necessary for productive communication in Spanish in the veterinary care language domain.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. Credit not allowed for both VM 620 and VM 680A4.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 621 Exotic Animal Anatomy and Husbandry Credits: 2 (1-2-0)**

**Course Description:** Applied veterinary anatomy and husbandry of birds, reptiles, amphibians, and fish.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Must register for lecture and laboratory. Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 623 Veterinary Nutrition and Metabolism Credits: 2 (2-0-0)**

**Course Description:** Intermediary metabolism, nutrients, and animal nutrition.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 637 Veterinary Bacteriology and Mycology Credits: 2 (2-0-0)**

**Course Description:** Biology of bacterial and fungal pathogens of animals with emphasis on common infectious diseases encountered in veterinary practice.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Graduate cooperative program, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 638 Veterinary Parasitology Credits: 2 (2-0-0)**

**Course Description:** Biology of helminth, arthropod, and protozoan pathogens of animals with emphasis on common infectious diseases encountered in veterinary practice.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Graduate cooperative program, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 639 Veterinary Virology Credits: 2 (2-0-0)**

**Course Description:** Biology of viral pathogens of animals with emphasis on common infectious diseases encountered in veterinary practice.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 640 Biology of Disease I Credits: 5 (4-0-1)**

**Course Description:** Introduction to mechanisms of subcellular, cellular, tissue, and organ response to injury and associated pathological processes.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Graduate cooperative program, Professional.

**Registration Information:** Must register for lecture and recitation. Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 648 Food Animal Production and Food Safety Credits: 2 (2-0-0)**

**Also Offered As:** VS 648.

**Course Description:** Basic orientation to food animal production units, herd health concepts, and issues of food safety from preharvest through processing and distribution.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program. Credit not allowed for both VM 648 and VS 648.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 707 Emerging Issues in Animal Health Credit: 1 (1-0-0)**

**Course Description:** Important topics in veterinary medicine and public health.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Graduate cooperative program, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 710 Foundations of Veterinary Medicine III Credit: 1 (.5-1.5-0)**

**Course Description:** Development of professional skills (ethics, communication, physical exam, surgical skills) necessary for the practice of veterinary medicine.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Must register for lecture and laboratory. Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 711 Foundations of Veterinary Medicine IV Credit: 1 (.5-1.5-0)**

**Course Description:** Development of professional skills (ethics, communication, physical exam, surgical skills) necessary for the practice of veterinary medicine.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Must register for lecture and laboratory. Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 714 Veterinary Preventive Medicine Credits: 4 (4-0-0)**

**Course Description:** Principles of health promotion and disease prevention in populations.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Graduate cooperative program, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 716 Principles of Shelter Veterinary Medicine Credit: 1 (1-0-0)**

**Course Description:** Introduces the principles of veterinary shelter medicine. Emphasis on management of small animals with herd health concepts.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 717 Spanish for Rural Veterinary Practice I Credit: 1 (1-0-0)**

**Course Description:** Develop basic communication skills in Spanish for practicing veterinary medicine in rural settings. Focus on the specific terminology and the basic linguistic skills necessary to communicate veterinary care and proper livestock treatment practices. All targeted linguistic forms, communicative activities and assessments are task-based and practical in nature.

**Prerequisite:** VM 620.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. This is a partial semester course. Offered as an online course only. Credit not allowed for both VM 717 and VM 781A4.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 718 Spanish for Rural Veterinary Practice II Credit: 1 (1-0-0)**

**Course Description:** Continue developing basic communication skills in Spanish for practicing veterinary medicine in rural settings. Using field-specific terminology, develop the linguistic skills for elaborating the 'why' of treatment and preventative care recommendations. Builds ability to communicate anticipated potential developments of animal health conditions, and future treatment plans. All targeted linguistic forms, communicative activities and assessments are task-based and practical in nature.

**Prerequisite:** VM 717, may be taken concurrently.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. This is a partial semester course. Offered as an online course only. Credit not allowed for both VM 718 and VM 781A6.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 720 Alternative and Complementary Therapeutics Credit: 1 (1-0-0)**

**Course Description:** Mechanisms and efficacy of alternative and complementary therapeutics used in veterinary medicine.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 721 Non-Mammalian Vertebrate Medicine Credits: 2 (2-0-0)**

**Course Description:** Diagnosis and treatment of diseases of non-mammalian vertebrates.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 722 Veterinary Pharmacology Credits: 4 (4-0-0)**

**Course Description:** Basic and clinical pharmacology, therapeutic practice, and pharmacy management.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 723 Spanish for Rural Veterinary Practice III Credit: 1 (1-0-0)**

**Course Description:** Continue developing basic communication skills in Spanish for veterinary medicine in rural settings. Using field-specific terminology, develop the linguistic skills for elaborating the 'why' of treatment, preventative care recommendations, and anticipating likely hypothetical developments. Introduction to past frame descriptions and basic narratives to obtain animal health histories and discuss and compare evolving conditions.

**Prerequisite:** VM 718.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** All courses must be taken in prescribed sequence in the DVM program. Admission to professional curriculum in veterinary medicine. This is a partial semester course. Offered as an online course only. Credit not allowed for both VM 723 and VM 781A7.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 723A Study Abroad--Africa: Wildlife Health and Conservation Medicine Credits: 2 (0-0-2)**

**Course Description:** Visit Kruger National Park in South Africa and Victoria Falls Wildlife Trust in Zimbabwe. Learning opportunities for veterinary students interested in careers in wildlife health and conservation medicine. Topics covered are in wildlife medicine and conservation, disease, forensics, anesthesia and capture.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. This is a partial semester course.

**Term Offered:** Summer.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 724 Bioanalytical Pathology Credits: 6 (4-0-2)**

**Course Description:** Mechanisms, interpretation, and applications of laboratory analyses for solving diagnostic problems.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Must register for lecture and recitation. Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 725 Spanish for Rural Veterinary Practice IV Credit: 1 (1-0-0)**

**Course Description:** Continue to develop past time-frame communication in Spanish. Use preterit verbs embedded in complex contexts involving event sequencing. Using field-specific terminology, develop the linguistic skills for elaborating a sequence of past events that reflect the evolving status associated with relevant health conditions. Introduction to basic future tense forms; continue to elaborate on treatment and preventative care.

**Prerequisite:** VM 723.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. Offered as an online course only. This is a partial semester course. Credit not allowed for both VM 725 and VM 781A8.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 728 Principles of Imaging Interpretation Credits: 3 (3-0-0)**

**Course Description:** Review and practice radiographic anatomy and interpretative skills of diagnostic imaging with emphasis on the small animal abdomen and thorax, equine and small animal musculoskeletal systems, and small animal axial skeleton and skull.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the DVM program.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 731 Biology and Diseases of Small Mammals Credits: 2 (2-0-0)**

**Course Description:** Diagnosis and treatment of diseases of small mammals.

**Prerequisite:** None.

**Restriction:** Must not be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 732 Veterinary Sports Medicine and Rehabilitation Credit: 1 (1-0-0)**

**Also Offered As:** VS 732.

**Course Description:** An introduction to the principles and practice of sports medicine and rehabilitation in veterinary medicine.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** VM 732: Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program. VS 732: DVM or equivalent professional degree or consent of instructor.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 733 Principles of Surgery Credits: 2 (2-0-0)**

**Course Description:** Principles and concepts of general and orthopedic surgery.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 735 Animal Welfare Credits: 2 (2-0-0)**

**Course Description:** Animal welfare key concepts, including both science and ethics; sociological/cultural influence on animal welfare; animal welfare assessment; role of veterinarians in animal welfare; contemporary challenges in animal welfare.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the DVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 737 Principles of Anesthesia Credits: 3 (2-0-1)**

**Course Description:** Integration of physiological and pharmacological principles in clinical anesthesia.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Must register for lecture and recitation. Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 741 Biology of Disease II Credits: 4 (3-0-1)**

**Course Description:** Pathogenesis of organ system diseases and integrated systemic pathology.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Must register for lecture and recitation. Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 742 Biology of Disease III Credits: 3 (2-0-1)**

**Course Description:** Pathogenesis of disease in organ systems, systemic pathology.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 744 Theriogenology Credits: 3 (2-2-0)**

**Course Description:** Reproductive function and disease, including mammary gland and endocrine regulation of reproduction and lactation.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Must register for lecture and laboratory. Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 745 Clinical Sciences I Credits: 5 (5-0-0)**

**Course Description:** Diagnostic approaches to common medical problems of the gastrointestinal tract (including dentistry), liver / pancreas, and endocrine systems in small animal, food animal, and equine species are covered. A clinical reasoning process for approaching clinical problems is reviewed and reinforced.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** This is a partial semester course. All courses must be taken in prescribed sequence in the DVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 747 Clinical Sciences II Credits: 5 (5-0-0)**

**Course Description:** Diagnostic approaches to common medical problems of organ systems.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 749 Clinical Sciences III Credits: 5 (5-0-0)**

**Course Description:** Diagnostic approaches to common medical problems of organ systems.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 751 Veterinary Clinical Toxicology Credits: 2 (2-0-0)**

**Course Description:** Common toxicants and poisonous plants encountered by companion and farm animal species, their pathophysiological effects, and clinical treatments.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Graduate cooperative program, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 753 Clinical Sciences IV Credits: 5 (5-0-0)**

**Course Description:** Diagnostic approaches to common medical problems of organ systems.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 757 Bovine Herd Medicine Credits: 3 (3-0-0)**

**Course Description:** Health management, and diagnosis and treatment of diseases of food animals.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 763 Equine Medicine and Surgery Credits: 5 (5-0-0)**

**Course Description:** Health management, and diagnosis and treatment of diseases of horses.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 772 Veterinary Professional Development Credits: 2 (2-0-0)**

**Course Description:** Topics include euthanasia training, contract and animal law, resumes, CVs and cover letters, career development, personal wellness and leadership, and personal finance and debt management.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** This is a partial semester course. Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the DVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 773 Small Animal Medicine and Surgery I Credits: 4 (4-0-0)**

**Course Description:** Health management, and diagnosis and treatment of diseases of dogs and cats.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Instructor Option.

**Special Course Fee:** No.

**VM 774 Small Animal Medicine and Surgery II Credits: 4 (4-0-0)**

**Course Description:** Health management, and diagnosis and treatment of diseases of dogs and cats.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Spring.

**Grade Mode:** Instructor Option.

**Special Course Fee:** No.

**VM 775 Veterinary Practice Management Credit: 1 (1-0-0)**

**Course Description:** Introduction to management of veterinary practice finances, marketing, personnel, and client relations.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** This is a partial semester course. Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the DVM program. Credit not allowed for both VM 775 and VM 780A4.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 776 Veterinary Mobility and Pain Management Credit: 1 (1-0-0)**

**Course Description:** Provides a basic overview of the available strategies to reduce pain and improve mobility in veterinary patients.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. Credit not allowed for both VM 776 and VM 780A6.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 777 Feline Medicine Credit: 1 (1-0-0)**

**Course Description:** Emphasizes the historical and examination findings, diagnostic evaluation, therapeutic approach, and prognosis relevant to common diseases of cats.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** This course is for DVM students in their 3rd (junior) year. All courses must be taken in prescribed sequence in the DVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 779 Rational Antimicrobial Therapy Credit: 1 (1-0-0)**

**Course Description:** Learn a process of rational antimicrobial drug selection and generate diagnostic and therapeutic plans for patients with bacterial and fungal infections. Integrate clinical data that includes history, physical exam, and sometimes laboratory reports with basic knowledge of microbiology, pharmacology and principles of antimicrobial stewardship.

**Prerequisite:** VM 637 and VM 722 and VM 733 and VM 745 and VM 747 and VM 749 and VM 753.

**Restriction:** Must be a: Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the DVM program.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 786A Junior Practicum Credits: Var[6-8] (0-0-0)**

**Course Description:** Training in clinical procedures for the diagnosis and treatment of animal diseases.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Terms Offered:** Fall, Spring.

**Grade Mode:** Instructor Option.

**Special Course Fee:** No.

**VM 786B Senior Practicum Credits: Var[1-22] (0-0-0)**

**Course Description:** Training in clinical procedures for the diagnosis and treatment of animal diseases.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Terms Offered:** Fall, Spring, Summer.

**Grade Mode:** S/U Sat/Unsat Only.

**Special Course Fee:** No.

**VM 795 Independent Study Credits: Var[1-18] (0-0-0)**

**Course Description:**

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Terms Offered:** Fall, Spring, Summer.

**Grade Mode:** Instructor Option.

**Special Course Fee:** No.

**VM 796J Group Study: Swine Medicine Credit: 1 (0-0-1)**

**Course Description:**

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**VM 796R Group Study: Food Animal Clinical Problems Credits: 3 (0-0-3)**

**Course Description:** Diagnostic, therapeutic, management, and monitoring tools used to deal with food animal health problems.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Admission to professional curriculum in veterinary medicine. All courses must be taken in prescribed sequence in the PVM program.

**Terms Offered:** Fall, Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.