

VMID - VET MEDICINE-INTERDISC

VMID 686 Scientific Ethics

Credit 1. 1 Lecture Hour. Ethical issues of research and methods for resolution of such issues; overview of ethical issues encountered by scientists in the conduct and dissemination of their research, in their pursuit of resources, in their interactions with the press and the broader public and resulting from the extension and technological application of their findings. **Prerequisite:** Graduate classification.

VMID 689 Special Topics in...

Credits 1 to 4. 1 to 4 Lecture Hours. Selected topics in an identified area of veterinary medicine. May be repeated for credit. **Prerequisite:** Approval of instructor.

VMID 912 Clinical Correlates I

Credit 1. 2 Lab Hours. Introduction of clinical terminology and techniques needed to accomplish thorough history taking and physical exam; the problem-oriented medical record will be introduced and then used in system-based reviews; familiarization with clinical techniques appropriate for body system evaluation. **Prerequisite:** Enrollment in the first year of professional curriculum.

VMID 913 Clinical Correlates II

Credit 1. 2 Lab Hours. Continuation of Clinical Correlates I. Body system review will continue. Clinical exam techniques appropriate for each system will be emphasized and findings discussed in the context of the problem-oriented medical record. **Prerequisite:** Enrollment in the first year of professional curriculum.

VMID 915 Veterinary Behavioral Medicine

Credit 1. 1 Lecture Hour. Diverse concepts relative to the normal behaviors of domestic animals; abnormal behaviors; and how the knowledge of both can be useful to clients and the staff at veterinary hospitals. **Prerequisite:** Enrollment in the first year of the professional curriculum.

VMID 921 Clinical Correlates III

Credits 2. 1 Lecture Hour. 2 Lab Hours. Developing problem and differential diagnosis lists, using texts, journals and computer databases for information retrieval in clinical problem solving; developing logical diagnostic and therapeutic plans for the diagnosis and treatment of problems in individual and group housed small and large animal patients. **Prerequisite:** Enrollment in the second year of professional curriculum.

VMID 922 Clinical Correlates IV

Credits 2. 1 Lecture Hour. 2 Lab Hours. Continuation of Clinical Correlates III. Builds on and expands the history and physical exam skills introduced in Clinical Correlates I, II, and III. **Prerequisite:** Enrollment in the third year of professional curriculum.

VMID 923 General Surgery/Anesthesiology

Credits 4. 3 Lecture Hours. 2 Lab Hours. Anesthesia, general surgery and dentistry of domestic animals. **Prerequisite:** Enrollment in the second year of professional curriculum.

VMID 924 Introduction to Diagnostic Imaging

Credit 1. 1 Lecture Hour. Physical properties and production of ionizing radiation as well as production of radiographic images; introduction to image interpretation. **Prerequisite:** Enrollment in the second year of professional curriculum.

VMID 925 Diagnostic Imaging Interpretation I

Credits 2. 2 Lecture Hours. Diagnostic evaluation of radiographic and ultrasonographic images of large and small animals. **Prerequisite:** Enrollment in third year of the professional curriculum.

VMID 926 Diagnostic Imaging Interpretation II

Credits 2. 2 Lecture Hours. Continued diagnostic evaluation of radiographic and ultrasonographic images of large and small animals; emphasis on diseases of cardiac, respiratory, gastrointestinal, and urinary systems. **Prerequisite:** Enrollment in third year of the professional curriculum.

VMID 927 Community Connections

Credits 2. 35 Lab Hours. Clinical rotation emphasizing the veterinarian's role in their local community; focus on relationships with shelter organizations and disaster preparedness training. **Prerequisite:** Enrollment in the fourth year of the professional curriculum.

VMID 935 Surgery

Credits 4 to 5. 2 Lecture Hours. 4 to 6 Lab Hours. Essential skills needed to anesthetize and perform surgery on animals; focus on administering anesthesia, mastering techniques of abdominal exploratory and basic procedures involving the integumentary, gastrointestinal and urogenital systems. **Prerequisite:** Enrollment in the third year of professional DVM curriculum.

VMID 936 Surgery II

Credits 2. 1 Lecture Hour. 2 Lab Hours. Builds on principles developed in Surgery I including aseptic technique, proper use of surgical instruments and gentle tissue handling with emphasis on basic orthopedic principles. **Prerequisite:** Third year classification in veterinary medicine in good standing.

VMID 940 Houston SPCA: Alliance for Animal Welfare and Shelter Medicine

Credits 2. 35 Lab Hours. Clinical rotation at the Houston-SPCA, emphasizing the veterinarian's role in all aspects of animal evaluation and care, and the treatment of rescue and shelter animals; emphasis on diseases, disorders, injuries, and treatment needs of diverse species, and exposure to emergency response and high volume animal rescue operations. **Prerequisite:** Enrollment in the fourth year of the professional curriculum.

VMID 943 Veterinary Practice: Legal, Ethical and Managerial

Credits 2. 2 Lecture Hours. Legal considerations, business principles, management practices, economic factors and medical ethics involving veterinary practice. **Prerequisite:** Enrollment in the third year of professional curriculum.

VMID 944 Integrated Animal Care III - Elements of Care

Credits 4. 4 Lecture Hours. In-depth exploration of the purpose and function of animal species cared for by veterinarians and the roles veterinarians play in the health of animals, humans and the environment. **Prerequisite:** Enrollment in the second year of professional DVM curriculum.

VMID 945 Advanced Specialty Elective

Credits 4. 35 Lab Hours. Advanced elective rotation in a specialized discipline with student participation in advanced science and technology of the discipline in a practicum setting. **Prerequisite:** Enrollment in the fourth year of professional curriculum.

VMID 947 Specialty Clinical Rotation

Credits 2. 35 Lab Hours. Student participation with clinical cases in the Veterinary Teaching Hospital including small or large animal medicine and surgery services; all fourth year courses are two weeks in length. **Prerequisites:** Fourth year classification in veterinary medicine or approval of department head.

VMID 950 Clinical Nutrition

Credits 2. 2 Lecture Hours. Nutritional management of medical and surgical cases. **Prerequisite:** Enrollment in the second year of professional curriculum.

VMID 952 Clinics I

Credit 1. 4 Lab Hours. Student participation on a rotating schedule through clinical services in the veterinary teaching hospital; to be taken once in each semester of the third year of the professional veterinary curriculum.

VMID 953 Clinics II

Credit 1. 4 Lab Hours. Student participation on a rotating schedule through clinical services in the veterinary teaching hospital or in a private practice. **Prerequisite:** Third year classification in veterinary medicine in good standing.

VMID 960 Diagnostic Imaging

Credits 3. 3 Other Hours. Practical experience in technical radiography, interpretation of radiographs in a variety of domestic and exotic species and ultrasound examinations. **Prerequisite:** Fourth year classification in veterinary medicine.

VMID 962 Veterinary Anesthesia

Credits 3. 3 Other Hours. Small and large animal clinical cases in the management of veterinary patients under anesthesia in the perianesthetic period. **Prerequisite:** Fourth year classification in veterinary medicine.

VMID 963 Veterinary Anesthesia II

Credits 2. 35 Lab Hours. Student participation with primarily large animal clinical cases in the management of patients under anesthesia and in the perianesthetic period. **Prerequisite:** Fourth year classification in veterinary medicine.

VMID 964 Clinical Experience

Credits 3. 6 Other Hours. Introduction to the art and practice of clinical veterinary medicine in the Veterinary Medical Teaching Hospital (VMTH) by rotation through services linked to the selected career-focus track (companion animal, equine, food animal); opportunities for clinical experience including integration of didactic content to clinical cases; participation alongside senior veterinary students for clinical case evaluation and treatment; understanding of VMTH policies for sample submission and associated requirements. **Prerequisite:** Enrollment in the third year of professional DVM curriculum.

VMID 966 Professional and Clinical Skills VI

Credits 4. 8 Lab Hours. Integration and reinforcement of foundational knowledge offered in concurrent courses through critical thinking exercises, professional skills application activities (ethics/contextual decision-making, leadership, skills for well-being, personal/practice financial literacy, core communication skills) and application of technical skills; opportunities for learning include didactic, hands-on and case-based interactions utilizing simulation, models, animals, actors and case scenarios; part VI of a VI part series. **Prerequisite:** Enrollment in the third year of professional DVM curriculum.

VMID 975 Career Alternative Elective

Credits 2 to 16. 2 to 4 Lab Hours. Approved student participation in a didactic and/or practicum experience in a unique practice discipline in veterinary medicine, the life sciences or other related areas. **Prerequisites:** Enrollment in the fourth year of professional curriculum and approval of individual program.

VMID 980 Clinical Externship

Credits 4. 35 Lab Hours. Off-campus clinical practicum in a private veterinary practice, research institution, industry, diagnostic center, zoo, veterinary college or other approved career experience. **Prerequisite:** Enrollment in the fourth year of professional curriculum.

VMID 981 Seminar in Professional and Leadership Development

Credit 1. 1 Lecture Hour. Major issues in professional, ethical and leadership responsibilities facing a veterinarian in the 21st century; professional ethics and licensing requirements; development of specific leadership skills; leadership styles and effective interpersonal relations required in working with a team of veterinary medical professionals; public leadership role of the veterinarian. **Prerequisite:** Admission in the veterinary professional curriculum.

VMID 988 Veterinary Medicine and Surgery Selective

Credits 2. 2 Lecture Hours. In-depth study of various disciplines within veterinary medicine to emphasize diversity and reaching diverse populations with management, diagnostics and medical treatments and approaches. **Prerequisites:** Third year classification in veterinary medicine and in good standing.

VMID 989 Special Topics in...

Credits 1 to 4. 1 to 4 Lecture Hours. 1 to 4 Lab Hours. Selected topics in an identified area of veterinary medicine. May be repeated for credit.