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 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 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 Introduction to Career-Focus Tracking  
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 Radiology I  
Credits 2. 35 Lab Hours.  
Practical experience in technical radiography and diagnostic radiology of domestic and zoo animals to include positioning of patients, use of x-ray machines, special diagnostic procedures, radiation safety and interpretation of radiographs.  
Prerequisite: Fourth year classification in veterinary medicine or approval of department head.

VMID 962 Veterinary Anesthesia I  
Credits 2. 35 Lab Hours.  
Student participation with primarily small animal clinical cases in the management of patients under anesthesia and 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 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.