

Third Year Elective Courses – Fall 2019 Semester

Tuesday/Wednesday 1pm – 5pm (day depends on your surgery group)

□ **DMP 777 Laboratory Diagnosis – Dr. Lisa Pohlman – 2 Credit Hours**

This course will provide theory and training in the implementation and interpretation of veterinary laboratory diagnostic techniques including hematology, cytology, urinalysis, and quality assurance/quality control. The goal of this new on-line elective is to build on the introductory concepts and knowledge gained in the sophomore clinical pathology class and ultimately to increase student understanding and professional proficiency in performance and interpretation of urinalysis, complete blood count (CBC) procedures, microscopic analysis of cells and body fluids, and other assay methods commonly used in the veterinary diagnostic laboratory. The majority of the course material will be presented in an on-line format using images, videos and digital microscopy. There will also be 2, 3 hour face-to-face laboratories where students will have the opportunity to evaluate blood films and cytology preparations on the microscope and practice making cytologic preparations via fine needle aspirate or tissue impression techniques.

Thursdays 1pm – 1:50pm

□ **CS 777 – Practicing Medicine in Multicultural Society – Dr. Ronnie Elmore – 1 Credit**

Diversity in the broadest sense of the word (cultural, racial, sexual, gender, age, religious, etc.) will be explored in the context of the practice of veterinary medicine. Understanding diversity issues can positively affect the bottom line of nearly every veterinary practice.

□ **CS 786 Learning Curve of Equine Practice – 1 Credit Hour**

Elective will cover various aspects of equine practice, not usually covered in traditional didactic lectures. Topics include equine husbandry, communication issues and insurance, horse colors, genetics, and genetic related diseases, aspects of equine practice and practice management, drug and medication rules for performance horses, and preventative medicine.

□ **CS 811 C – Topics in Applied Animal Behavior – Dr. Neala Boyer – 1 Credit**

Introduction to the commonly encountered small animal behavior topics in veterinary medicine. Students will learn how to address behavior concerns through behavior modification, desensitization, counter conditioning, and psychopharmacology. Other goals of the course are to discuss practices that reduce fear in patients and explore concepts in the behavior of equine, large animal, and exotic species.

□ **CS 811 D Topics in Equine Podiatry – Dr. Warren Beard – 1 Credit**

This course will teach normal foot anatomy, abnormal foot anatomy, and a working knowledge of the techniques used to correct abnormal foot anatomy. Anatomy and pathologic conditions will be taught by a combination of lectures, auto tutorials, and live animal instruction. The student will also learn to safely work on horses feet, properly trim horses feet, use hoof knives by laboratory sessions devoted to developing these manual skills. The hands on instruction will be provided by Veterinarians, experienced farriers, and Veterinarians that specialize in podiatry. The student will also become conversant in commonly accepted terminology to be able effectively communicate with farriers.

□ **DMP 885 – International Veterinary Medicine – 1 Credit**

The elective will aim to describe the global nature of infectious disease threats; international frameworks for mitigating animal and human health threats; and multidisciplinary some global multidisciplinary initiatives including One Health and the UN Sustainable Development Goals. Students will also learn how to apply key skills such as risk assessment, risk communication, and proposal writing.

Thursdays 4pm – 5:30pm

- **CS 740 Topics in Emergency Medicine – 1 Credit**

Presentations of cases in the ICU or cases that were recently seen on emergency. Current literature that is relevant to the case will be discussed. Pre-req: CS 811-B

Online

- **DMP 816 – Trade & Agricultural Health – 2 Credit Hours – Fall**

This course considers the multilateral trading system as it relates to food safety, food security, animal health, plant health, and international cooperation. The course content will be of value to students interested in food safety and security, epidemiology, public health, agriculture, food science, security studies, political science, agricultural economics, veterinary medicine, and international relations.

CS 766, 767, 767 – Preclinical Mentorships – Dr. Ronnie Elmore – 1 Credit

CS 766, CS 767, and CS 768 each require at least one week (forty hours) of activity with a veterinary mentor during academic breaks (fall break, spring break, semester break, or summer break). To get course credit for these electives you must satisfactorily complete all of the required forms. Please see <http://www.vet.k-state.edu/education/students/mentorships.html>. Approval forms for these elective courses must be submitted before the externship/mentorship is begun. You can select during which semester you want the enrollment to occur on the approval form