Kansas State University College of Veterinary Medicine

Third Year Elective Courses – Spring Semester

Print Name:________________________________________________________

Description of Elective Courses for the Doctor of Veterinary Medicine Curriculum

- **CS 713 Beef Production Medicine – 1 Credit Hour**
  The role of the veterinarian in livestock production units, including interactions with producers, nutritionists, investors and others in decision analysis. Emphasis is on the professional services that veterinarians provide to beef production systems.

- **CS 757 Equine Lameness – 1 Credit Hour**
  This course will include both lecture and labs. Lectures will cover equine anatomy relevant to lameness, the lameness exam and common causes of lameness to provide students with a foundation for the diagnosis and treatment of equine musculoskeletal disease. Live horse demonstrations of lameness examinations and imaging modalities will be used.

- **CS 759 Adv. Exotic Pet Medicine – 1 Credit Hour**
  Advanced study of the diseases, medicine, and captive management of non-traditional species including companion birds, reptiles, rabbits, ferrets, and rodents, and introduction to zoo animal and wildlife medicine.

- **CS 776 Advanced Urinary – 1 Credit Hour**
  This elective builds on the case-based urinary section of CS 711. Focus of this class will be on disease pathophysiology and treatment.

- **CS 782 Equine Medicine Elective – 1 Credit Hour**
  This course is designed to be complementary to CS 710. The material presented in this class will focus on diagnostic procedures and case presentations that will not be covered in the core curriculum.

- **CS 793 Surgical Skills – 1 Credit Hour**
  Manual surgical skills will be taught using surgical models and cadaver tissues. Students will be taught the following skills and techniques: instrument handling, speed and efficiency, hand ties, ligature under tension, suture patterns, closure under tension, anastomosis and enterotomy technique and excision of circular lesions.

- **CS 794 Advanced Concepts in Veterinary Clinical Anesthesia – 1 Credit Hour**
  These lectures will be divided among topics to enhance student preparation for practical clinical application of anesthetic principles in both small and large animal environments. Topics: anesthetic implications for certain disease states, management of intraoperative complications, and special topics in large animal anesthesia.