

Third Year Elective Courses – Spring 2021 Semester

Tuesday 1pm – 1:50pm

- **VCS 891 P – Bovine Theriogenology – Dr. Ronnie Elmore – 1 Credit**
This class is designed to provide students enrolled in the veterinary curriculum a very practical knowledge base regarding bovine reproduction.

Tuesday 1pm – 2:50pm

- **VCS 891 T&U – Surgical Skills – Dr. Warren Beard – 1 Credit**
Max # of Students – 36 per section
Section T meets 1/12/21-2/23/21, Section U meets 3/16/21-4/20/21
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.
- **VCS 891 G&H – Topics in Bovine Palpation Techniques & Reproduction Evaluation – Dr. Leslie Wagner – 1 Credit**
Max # of Students – 15 per section
Section G meets 1/12/21-2/23/21, Section H meets 3/9/21-4/20/21
In 7 two-hour sessions, students will be instructed through weekly lecture and hands-on labs covering bovine rectal palpation techniques as well as evaluation and manipulation of the female reproductive tract. The labs will utilize teaching models, harvested reproductive tracts, and when available live animals. Objectives of the course will be to provide students with the basic knowledge in reproductive tract scoring, identifying and manipulating ovarian structures, palpating open reproductive tracts, pregnancy diagnosis, fetal aging, obstetrics, and utilization of ultrasound.

Tuesday 2pm – 2:50pm

- **VCS 891 J – Topics in Advanced Zoological/Wildlife Medicine – Dr. James Carpenter – 1 Credit**
Max # of Students – 25
This advanced course consists of 11 lectures on the disease/pathology, medicine, immobilization procedures, and captive management of a variety of zoo/wild animals. It will also include 2 Saturday morning labs (2-3 hours each) and 1-day Saturday field trip to the Rolling Hills Zoo (Salina) to participate in veterinary procedures and rounds. Individual mentoring of students will also be offered.

Tuesday 2pm – 2:50pm & Thursday 1pm – 1:50pm

- **VCS 891 X – Beef Production Medicine – Dr. Mike Kleinhenz – 1 Credit**
Max # of Students – 20
Class meets only 1/12/21-2/25/20
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.

Thursday 1pm – 1:50pm

- **VCS 892 A – Equine Lameness – Dr. Elizabeth Santschi – 1 Credit**

Max # of Students – 16

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.

- **VCS 892 E – 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.

Tuesday/Friday 1pm – 1:50pm

- **VDMP 891 B – Lab Animal Science – Dr. Sally Olson – 2 Credits**

Management and health of common species of laboratory animals. Pre-requisite for 4th year CS 763 Lab Animal Medicine.

Friday 11am – 11:50am

- **VCS 891 O – Adv. Exotic Pet Medicine – Dr. David Eshar – 1 Credit**

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.

Friday 1pm – 1:50pm

- **VCS 891 Q – Equine Medicine Elective – Dr. Laurie Beard – 1 Credit**

Max # of Students – 30

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.

- **VCS 891 V – Advanced Concepts in Veterinary Clinical Anesthesia – Dr. Diane Mason – 1 Credit**

Max # of Students – 45

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.

VCS 892 B,C,D – Preclinical Mentorships – Dr. Ronnie Elmore – 1 Credit

VCS 892 B,C,D 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