Descriptions of Elective Courses for the Doctor of Veterinary Medicine Curriculum

- **AP 780 Practical Use & Interpretation of Veterinary Scientific Literature – 1 Credit Hour – Fall – Thursdays 1-2pm**
  Designed primarily for veterinary students in the first, second or third year of the DVM curriculum. The course is intended to teach critical evaluation of clinical reports and research literature, as well as literature search and oral presentation skills. The format is small group and online discussion. Students are required to discuss and/or give a report on one assigned clinical case report or case study per week, and participate in online discussions and literature search assignments.

- **AP 780 History of Veterinary Medicine – 1 Credit Hour – Fall – Tuesdays 1pm**
  To introduce students to the history of veterinary medicine in the United States and the world, the development of the early colleges of veterinary medicine, the contributions of some of the pioneers in veterinary medicine, the impact of animal diseases, and the evolving role of the veterinarian in society.

- **CS 777 Practicing Veterinary Medicine in a Multi-Cultural Society – 1 Credit Hour – Fall – Thursdays 1-2pm**
  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 778 Bovine Theriogenology – 1 Credit Hour – Fall & Spring – Tuesdays 1-2pm**
  This class is designed to provide students enrolled in the veterinary curriculum a very practical knowledge base regarding bovine reproduction.

- **CS 786 Learning Curve of Equine Practice – 1 Credit Hour – Fall – Fridays 1-2pm**
  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 797 – Pain Management – 1 Credit Hour – Fall – Tues/Thurs 2-3pm dates vary**
  Course will discuss mechanisms of pain and certain pain syndromes and the drugs and techniques available to provide analgesia.

- **DMP 777 Laboratory Diagnosis – 2 Credit Hours – Fall – Online**
  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.

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