

COLLEGE OF VETERINARY MEDICINE COURSE AND CURRICULUM CHANGES

approved by the
College of Veterinary Medicine
At Faculty Meeting on
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Contact Person:
Gail Eyestone
532-4005
geyestone@vet.k-state.edu

**Units which may be directly
impacted by these changes are:
NONE**

Please provide the sponsors of a proposed change with any information regarding fiscal or programmatic impact on your department, program or students.

EXPEDITED COURSE CHANGES

Department of Anatomy and Physiology

DROP: ~~AP 715. Veterinary Comparative Embryology. (1) I. An overview of developmental anatomy as it relates to clinically important developmental defects and/or normal structure and function of common domestic animals. Pr.: First-year standing in the DVM degree program.~~

RATIONALE: To adjust to the future needs of our veterinary students, this course will no longer be a part of the CVM curriculum.

EFFECTIVE DATE: Fall 2009

DROP: ~~AP 720. Veterinary Neuroscience. (2) II, S. Study of the normal neuroanatomy, neurophysiology and introductory neuropharmacology of the central nervous system of common domestic mammals. Pr.: First-year standing in the College of Veterinary Medicine or BIOL 505 or equiv.~~

RATIONALE: To adjust to the future needs of our veterinary students, this course will no longer be a part of the CVM curriculum.

EFFECTIVE DATE: Spring 2010

CHANGE: **AP 700. Gross Anatomy I. (6) I.** Gross dissection of the dog with comparative aspects of the cat. ~~Three~~ hours lec. and nine hours lab a week. Pr.: First-year standing in College of Veterinary Medicine.

TO: **AP 700. Gross Anatomy I. (5) I.** Gross dissection of the dog with comparative aspects of the cat. Two hours lec. and nine hours lab a week. Pr.: First-year standing in College of Veterinary Medicine or consent of the instructor.

RATIONALE: This is part of the restructuring of the CVM curriculum to adjust to the future needs of our veterinary students.

EFFECTIVE DATE: Fall 2009

CHANGE: **AP 737. Vet Physiology I. (6) I.** Function of the animal body at the cellular level, including nerve and muscle function. Basic pathophysiological mechanisms will be emphasized and correlated with clinical topics. Five hours lec, ~~three hours lab a week.~~ Pr.: First-year standing in College of Veterinary Medicine or consent of instructor.

TO: **AP 737. Vet Physiology I. (5) I.** Function of the animal body at the cellular level, including nerve and muscle function. Basic pathophysiological mechanisms will be emphasized and correlated with clinical topics. Five hours lec./wk. Pr.: First-year standing in College of Veterinary Medicine or consent of instructor.

RATIONALE: This is part of the restructuring of the CVM curriculum to adjust to the future needs of our veterinary students.

EFFECTIVE DATE: Fall 2009

CHANGE: **AP 747. Vet Physiology II. (7) II.** Function of the cardiovascular, endocrine, respiratory, renal, and reproductive systems of domestic animals with emphasis on physiologic control mechanisms, interrelationships of body systems, and criteria for evaluating animal health. Five hours lec. and ~~six~~ hours lab a week. Pr.: AP 737.

TO: **AP 747. Vet Physiology II. (6) II.** Function of the cardiovascular, endocrine, respiratory, renal, digestive, and reproductive systems of domestic animals with emphasis on physiologic control mechanisms, interrelationships of body systems, and criteria for evaluating animal health. Five hours lec. and three hours lab a week. Pr.: AP 737.

RATIONALE: This is part of the restructuring of the CVM curriculum to adjust to the future needs of our veterinary students.

EFFECTIVE DATE: Fall 2009

Department of Clinical Sciences

DROP: **~~CS 743. Grand Rounds I. (1) II. An introduction into veterinary medical problem identification and solving. Emphasis will be on integration of normal anatomy and physiology knowledge and identification of abnormal findings. Pr.: First-year standing in the College of Veterinary Medicine.~~**

RATIONALE: This is part of the restructuring of the CVM curriculum and Grand Rounds I is no longer deemed as a required course here.

EFFECTIVE DATE: Fall 2009

NON-EXPEDITED COURSE CHANGES

Department of Anatomy and Physiology

ADD: **AP 730. Cross-Course Integration I. (1) I.** Vertical and horizontal integration among semester courses to improve student cognitive retention and understanding of core content. Structure-function relationships will be emphasized to facilitate student assimilation and provide clinical relevance to basic science content. Pr.: First-year standing in the College of Veterinary Medicine or consent of instructor.

RATIONALE: To better prepare our students to utilize their new knowledge across multiple disciplines in an insightful and effective manner. This is part of the restructuring of the CVM curriculum.

EFFECTIVE DATE: Fall 2009

ADD: **AP 740. Cross-Course Integration II. (1) II.** Vertical and horizontal integration within and between semester courses to improve student cognitive retention and understanding of core content. Structure-function relationships will be emphasized to facilitate student assimilation and provide clinical relevance to basic science content. Pr.: AP 730 or consent of instructor.

RATIONALE: To better prepare our students to utilize their new knowledge across multiple disciplines in an insightful and effective manner. This is part of the restructuring of the CVM curriculum.

EFFECTIVE DATE: Spring 2010

ADD: **AP 780. Electives in Anatomy & Physiology. (1-3)**
I. Elective course work. Topics: Veterinary Medical Language Cognates and Etymology; Special Interest Anatomy for Veterinary Students; History of Veterinary Medicine; Practical Use and Interpretation of Veterinary Scientific Literature. Pr.: Professional veterinary student standing or consent of instructor.

II. Elective course work. Topics: Three Dimensional Imaging Anatomy of the Dog; Special Interest Anatomy for Veterinary Students; Veterinary Neuroscience; Behavior of Domestic Animals; Comparative Embryology. Pr.: Professional veterinary student standing or consent of instructor.

S. Elective course work. Topics: Special Interest Anatomy for Veterinary Students; Veterinary Medical Language Cognates and Etymology. Pr.: Professional veterinary student standing or consent of instructor.

RATIONALE: To adjust to the future needs of our veterinary students. This is part of the restructuring of the CVM curriculum.

EFFECTIVE DATE: Fall 2009

Department of Clinical Sciences

ADD: **CS 777. Practicing Veterinary Medicine in a Multicultural Society. (1) I, II.** 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. Pr.: First, second or third year standing in the College of Veterinary Medicine.

RATIONALE: This is part of the restructuring of the CVM curriculum.

EFFECTIVE DATE: Fall 2009

ADD: **CS 778. The Basics of Bovine Theriogenology. (1) 1, II.** This class is designed to provide students enrolled in the veterinary curriculum a very practical knowledge base regarding bovine reproduction. Pr.: First, second or third year standing in the College of Veterinary Medicine.

RATIONALE: This is part of the restructuring of the CVM curriculum.

EFFECTIVE DATE: Fall 2009

Dean's Office

ADD: **DVM 700. Veterinary Orientation. (0) I.** Introduction to career opportunities in veterinary medicine Pr.: First-year standing in the College of Veterinary Medicine or consent of instructor.

RATIONALE: This No Credit course is part of the restructuring of the CVM curriculum and pertains only to the DVM degree.

EFFECTIVE DATE: Fall 2009

Department of Clinical Sciences

ADD: **CS 611. Cow-Calf Health Systems. (2) II.** Management of animal well-being and efficient production in a cow-calf system. Includes the areas of health, marketing, growth, nutrition, economics, pharmaceutical management, genetics, and reproduction.

RATIONALE: This course focuses on animal health and management during the cow-calf phase of beef production. Goals include gaining an understanding of managing groups of animals for optimum health and economic outcomes. The main focus of the course is development of knowledge and aptitude related to enhancing production from the cow-calf operation. Students will develop an understanding of current management practices in the areas of health, marketing, growth, nutrition, economics, pharmaceutical management, genetics, and reproduction. The class is not meant to encompass all available information on these topics, but rather provide a baseline of information and enhance critical thinking skills necessary for further learning.

EFFECTIVE DATE: Spring 2010

Department of Diagnostic Medicine/Pathobiology

ADD: **DMP 110. Introduction to Public Health. (3) I, II.** An introductory survey course designed to provide a history of public health, an overview of the five core disciplines (epidemiology, biostatistics, environmental health, social and behavioral health, and health policy and management), and information about career options in public health. Investigation and analysis of contemporary issues in public health such as bioterrorism, threats to the nation's food supply, the importance of health promoting behaviors in the prevention of disease, distribution of infectious diseases on a global population, and the role of public health in disaster preparedness and management. (With Dr. Chengappa's approval, the course description was revised 3/25/09 to match KIN 110 and HN 110)

RATIONALE: In an effort to strengthen the public health workforce for the 21st century, we recognize a need to provide public health education at the undergraduate level as a way to enhance student interest in public health careers. An introductory course in public health can also prepare students to pursue graduate education in one of the health professions or a graduate degree in public health.

IMPACT: Will be cross-listed with Food Science Institute, Human Nutrition, and Kinesiology; this listing reflects the concentration areas of the K-State MPH program. This does not duplicate courses offered elsewhere on campus; the instructor of BIOL 310, Public Health Biology, supports development of this introductory offering.

EFFECTIVE DATE: Fall 2009
