VPAT - VETERINARY PATHOLOGY

VPAT 601 Comparative Pathology
Credits 4. 3 Lecture Hours. 3 Lab Hours. Pathologic processes occurring in diseased cells, tissues and organs of animals and humans; their pathogenesis and morphologic manifestations. Prerequisites: Courses in gross and microscopic mammalian anatomy and physiology and approval of instructor.

VPAT 640 Mechanisms of Disease
Credits 4. 4 Lecture Hours. Overview of general pathology concepts and the pathophysiology of these processes. Prerequisite: DVM degree or equivalent, or approval of instructor.

VPAT 641 Systemic Pathology I
Credits 4. 4 Lecture Hours. Disease manifestations in special organs and tissues and interrelations of pathologic processes in individual and functionally related organs. Prerequisite: DVM degree or equivalent.

VPAT 643 Applied Pathology
Credits 1 to 6. 1 to 6 Other Hours. Application of information and concepts of anatomic and clinical pathology to the diagnosis of animal disease; gross pathological changes observed in necropsy are correlated with and corrected by histopathologic observations; confirmatory methods of clinical pathology and laboratory medicine used where indicated. May be taken more than once but not to exceed 6 hours of credit toward a graduate degree. Prerequisite: DVM degree or equivalent.

VPAT 645 Contemporary Topics in Laboratory Animal Medicine
Credits 2. 2 Lecture Hours. Knowledge of the biology, management, and diseases of laboratory animals; preparation of comparative medicine residents for the board certifying examination of the American College of Laboratory Animal Medicine (ACLAM). Prerequisites: DVM degree and acceptance into the laboratory animal residency program; or approval of instructor.

VPAT 651 Systemic Pathology II
Credits 4. 4 Lecture Hours. Continuation of VPAT 641. Disease manifestations in special organs and tissues and interrelations of pathologic processes in individual and functionally related organs. Prerequisite: VPAT 641.

VPAT 652 Cell Mechanisms of Disease
Credits 3. 3 Lecture Hours. Basic cellular mechanisms and general manifestations of disease; illustration of clinical and anatomical/morphological aspects of various diseases. Prerequisites: Graduate classification; enrollment in BIMS or BMEN curriculum; approval of instructor.

VPAT 653 Pathology of Laboratory Animals
Credits 3. 3 Lecture Hours. Pathology and pathogenesis of spontaneous infectious, parasitic, metabolic and neoplastic diseases of laboratory animals. Prerequisite: VTPB 922 or equivalent.

VPAT 654 Fundamentals in Laboratory Animal Medicine
Credits 2. 2 Lecture Hours. Pathologic processes occurring in diseased cells, tissues and organs of animals and humans; their pathogenesis and morphologic manifestations. Prerequisites: Courses in gross and microscopic mammalian anatomy and physiology and approval of instructor.

VPAT 681 Seminar
Credit 1. 1 Lecture Hour. For graduate and special students in veterinary or comparative pathology; presentation and discussion of special topics and research data concerning pathology and pathogenesis of disease. Prerequisite: Approval of instructor.

VPAT 685 Directed Studies
Credits 1 to 4. 1 to 4 Other Hours. Advanced special problems concerned with pathogenesis and pathology of disease. Prerequisite: Approval of instructor.

VPAT 689 Special Topics in...
VPAT 691 Research
Credits 1 to 23. 1 to 23 Other Hours. Research for thesis or dissertation.