PATHOLOGY

PTH

Department of Pathology
College of Human Medicine
College of Osteopathic Medicine
College of Veterinary Medicine

525. Neuropathology Problem Solving Exercises
Fall, Spring, Summer. 2(0-4)
R: Open only to graduate-professional students in College of Human Medicine or Osteopathic Medicine. Independent study of 24 neuropathology problem solving exercises.

542. Basic Principles of Pathology
Spring. 2 credits.
R: Graduate-professional students in College of Human Medicine or Osteopathic Medicine. Fundamental pathologic processes; clinical applications.

551. General Pathology
Spring. 3(2-2)
R: Completion of 1 semester of the graduate-professional program in the College of Veterinary Medicine. Not open to students with credit in PTH 550. Host responses to injury, including cell degeneration, necrosis, disturbances of growth and development, neoplasia, circulatory disturbances and inflammation.

553. Clinical and Systemic Pathology
Fall. 5(4-2)
R: Completion of 2 semesters of the graduate-professional program in the College of Veterinary Medicine. Not open to students with credit in PTH 552. Emphasis on study and interpretation of systemic and clinical pathologic processes in disease; use of clinical-pathological correlation. Conducted in pathology departments of affiliated hospitals.

594. Theory of Resource and Environmental Economics
Spring of even-numbered years. 3(0-0) Interdepartmental with Agricultural Economics, Resource Development, Forestry, and Economics. Administered by Agricultural Economics.

P: ARC 282, NC 805.

999. Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 24 credits.
R: Open only to Ph.D. students in Park and Recreational Resources.

Pathology — Descriptions of Courses

661. General Pathology
Fall, Spring. 1 to 2 credits. A student may earn a maximum of 2 credits in all enrollments for this course. Current policy issues, problems and research in parks, recreation and tourism.

689. Pathology Clerkship
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 9 credits in all enrollments for this course.
R: Not open to graduates in Park and Recreational Resources. Approval of department.

P: FMP 602, FMP 608, MED 608, PHD 600. For graduate-professional students in College of Osteopathic Medicine. Completion of Units I and II. R: Open only to graduate-professional students in College of Human Medicine or Osteopathic Medicine. Laboratory procedures. Correlation of laboratory data with morphologic abnormalities in patients with pathophysiology.

612. Advanced Clinical Chemistry
Spring. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
R: Completion of semester 5 of the graduate-professional program in the College of Veterinary Medicine. Not open to students with credit in PTH 651 OR PTH 652. Necropsy and surgical and clinical pathology. Interpretation of gross findings and laboratory data.

631. Necropsy Clerkship
Fall, Spring. 3 credits.
R: PTH 630. R: Completion of 5 semesters of the graduate-professional program in the College of Veterinary Medicine. Supervised necropsy. Interpretation and presentation of findings.

632. Problems in Veterinary Pathology
Fall, Spring, Summer. 1.5 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
R: Completion of 5 semesters in the graduate-professional program in the College of Veterinary Medicine. Approval of department. Supervised projects involving gross pathology, histopathology, clinical pathology, or molecular pathology.

642. Theory of Resource and Environmental Economics
Spring of even-numbered years. 3(0-0) Interdepartmental with Agricultural Economics, Resource Development, Forestry, and Economics. Administered by Agricultural Economics.

P: ARC 282, NC 805.

944. Advanced Research Methods
Summer. 3(0-0)
Applications of advanced and specialized research methods to problems in recreation and tourism. Measurement, sampling, and research design.

999. Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 24 credits.
R: Open only to Ph.D. students in Park and Recreational Resources.

635. Clinical and Systemic Pathology
Fall. 5(4-2)
R: Completion of 2 semesters of the graduate-professional program in the College of Veterinary Medicine. Not open to students with credit in PTH 552. Emphasis on study and interpretation of systemic and clinical pathologic processes in disease; use of clinical-pathological correlation. Conducted in pathology departments of affiliated hospitals.

590. Special Problems in Pathology
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 8 credits in all enrollments for this course.
R: Open only to graduate-professional students in College of Human Medicine or Osteopathic Medicine. Individual directed work on an experimental, theoretical, or applied problem in pathology.

592. Special Problems in Veterinary Pathology
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 8 credits in all enrollments for this course.
R: Open only to graduate-professional students in College of Veterinary Medicine. Not open to students with credit in PTH 632. Student works under faculty direction on an experimental, theoretical or applied problem. Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.

602. Basic Research Methods
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
P: For graduate-professional students in College of Human Medicine. Fall. 2 credits.

R: Completion of the third year of the graduate-professional program in the College of Veterinary Medicine. Not open to students with credit in PTH 650. Not open to students with credit in PTH 620. Concepts in laboratory interpretation and diagnosis. Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.

651. Veterinary Clinical Pathology Clerkship
Fall, Summer. 3 credits.
R: Completion of the third year of the graduate-professional program in the College of Veterinary Medicine. Not open to students with credit in PTH 650. Not open to students with credit in PTH 620. Concepts in laboratory interpretation and diagnosis. Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.

656. Problems in Veterinary Necropsy Clerkship
Spring. 2 credits.
P: PTH 652. R: Completion of the third year of the graduate-professional program in the College of Veterinary Medicine. Not open to students with credit in PTH 651. Not open to students with credit in PTH 631. Problems in necropsy and interpretation of findings. Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.

820. Advanced Human Hematology
Fall of even-numbered years. 3(0-0) Interdepartmental with Medical Technology. Administered by Medical Technology.

P: MT 422. Selected topics in hematology including pathogenesis, mechanisms and morphologic pictures. Emphasis on laboratory tests and interpretation of results.