608. Pathology Clerkship
Fall, Winter, Spring, Summer. 3 to 17 credits. May reenroll for a maximum of 17 credits. Grade P in all courses offered in terms 1 through 8.

Anatomic and clinical pathology, with emphasis on clinical-pathologic correlations. Conducted in the pathology departments of affiliated hospitals.

651. Veterinary Clinical Pathology Clerkship
Fall, Winter, Spring, Summer. 4 credits. Satisfactory completion of term 8 of the professional veterinary curriculum, approval of department.

Concepts in laboratory interpretation and diagnosis.

652. Veterinary Necropsy Clerkship
Fall, Winter, Spring, Summer. 4 credits. Satisfactory completion of term 8 of the professional veterinary curriculum, approval of department.

Supervised necropsy and interpretation of findings.

656. Problems in Veterinary Necropsy
Fall, Winter, Spring, Summer. 4 credits. PTH 652, approval of department.

Problems related to necropsy and interpretation of findings.

657. Laboratory Animal Medicine Clerkship
(SMS 667) Fall, Winter, Spring, Summer. 4 credits. Satisfactory completion of term 8 of the professional veterinary curriculum, approval of department.

Supervised laboratory animal management, medicine and surgery.

800. Problems in Pathology
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

Elective work for students in veterinary medicine interested in pathology as a specialty, or in the special pathology of diseases of a particular class or species, and for graduate minors and majors interested in pathological techniques or in non-thesis research.

801. Pathology Seminar
Fall, Winter, Spring, Summer. 1-6 credits. Approval of department.

Arbitrarily required of all majors in pathology.

802. Advanced Histopathology
Fall. 5-6(0) Approval of department.

803. Advanced Histopathology
Winter. 5-6(0) PTH 802 and approval of department.

Continuation of PTH 802.

805. Pathology Proséminar
Fall. 2-4(0) Approval of department.

Philosophy and methods of research; theses and other research reports; literature review; illustration of research data; practical assignments.

810. Postmortem Diagnosis
Fall, Spring. 3-0(3) May reenroll for a maximum of 6 credits. Approval of department.

Required of majors. Instruction and practice in diagnosis of animal diseases by means of necropsy and other laboratory techniques. Emphasis will be placed upon correlation and interpretation of gross and microscopic lesions and results of other tests.

811. Advanced Clinical Pathology
Spring of even-numbered years. 3-1(5) Approval of department.

Application of standard and newer techniques and instrumentation in hematology, biochemistry, parasitology, etc., to the diagnosis of disease.

812. Hematology
Winter. 3(3-4) PTH 408 or approval of department.

Pathology of diseases of blood and an analysis of diagnostic laboratory procedures.

820. Oncology
Spring. 3-0(5) Approval of department.

A study of benign and malignant neoplasms with emphasis on gross and microscopic characteristics and diagnosis.

826. Laboratory Animal Pathology
Winter of even-numbered years. 4(4-0)

Medical degrees, approval of instructor.

Macro and microscopic studies on the diseases of laboratory animals.

899. Master's Thesis Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

900. Histopathologic Diagnosis
Fall, Winter, Spring, Summer. 3-0(9) May reenroll for a maximum of 6 credits. PTH 803, PTH 820.

Trimmings, histopathologic examination, description, diagnosis and reporting of specimens from biopsy and necropsy.

990. Advanced Correlative Pathology
Fall, Winter, Spring, Summer. 5-0(15) May reenroll for a maximum of 15 credits. Approval of department.

Experience in morphologic and clinical pathology and correlation of these with the clinical aspects of disease.

999. Doctoral Dissertation Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

PEDIATRICS

500. Pediatrics Clerkship
Fall, Winter, Spring, Summer. 6 credits. May reenroll for a maximum of 9 credits. Grade P in all courses offered in terms 1 through 8 or approval of department.

Clinical and practical experience in the area of pediatrics. Program developed to achieve proficiency in motor skills and aptitudes; comprehension of concepts and principles; patient evaluation, diagnosis, management and therapy.

520. Genetics Clinic
Fall, Winter, Spring, Summer. 1 to 3 credits. May reenroll for a maximum of 9 credits.

Students will interview and examine patients with inheritable disorders, perform related laboratory diagnostic procedures, and participate in genetic counseling conferences and discussions.

531. Medical Genetics
Fall. 1(1-0) Admission to a college of medicine or approval of department.

Basic genetic principles and their application to clinical medicine, prenatal genetic diagnosis, exercises in genetic counseling and the importance of relevant laboratory tests.

532. Phenomena of Development
Fall. 5(5-0) PTH 531 or approval of department.

Normal psychological and physical development of the human including neuromotor, social, emotional and endocrinological growth from infancy through adolescence. Clinical examples highlight deviations from the normal course of development.

590. Special Problems in Human Development
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 12 credits. Human Medicine students or approval of department.

Each student will work under direction of a staff member on an experimental, theoretical or applied problem.

807. Ambulatory Care Clerkship
Fall, Winter, Spring, Summer. 1 to 3 credits. May reenroll for a maximum of 6 credits. HH M 602, Interdepartmental with the departments of Community Health Science, Family Practice, and Medicine. Administered by the Department of Family Practice.

Outpatient experience, lasting an equivalent of 48 half days over a period of six months or more, emphasizing continuous and comprehensive patient care under the supervision of appropriate physicians.