

- 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-pathological 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.
- 667. Laboratory Animal Medicine Clerkship**
(SSM 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 speciality, 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(1-0) May reenroll for a maximum of 3 credits for M.S. candidates and 6 credits for Ph.D. candidates. Approval of department.
Seminar required of all majors in pathology.
- 802. Advanced Histopathology**
Fall. 5(6-0) Approval of department.
A relatively advanced and comprehensive study in the histopathologic aspects of systemic and special pathology; independent study in the field of pathogenesis and microscopic pathology.
- 803. Advanced Histopathology**
Winter. 5(6-0) PTH 802 and approval of department.
Continuation of PTH 802.
- 805. Pathology Proseminar**
Fall. 2(2-0) 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(0-9) 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(1-6) Approval of department.
Application of standard and newer techniques and instrumentations in hematology, biochemistry, parasitology, etc., to the diagnosis of disease.
- 812. Hematology**
Winter. 5(3-4) PTH 408 or approval of department.
Pathology of diseases of blood and an analysis of diagnostic laboratory procedures.
- 820. Oncology**
Spring. 3(6-0) 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.
- 980. Histopathologic Diagnosis**
Fall, Winter, Spring, Summer. 3(0-9) May reenroll for a maximum of 6 credits. PTH 803, PTH 820.
Trimming, 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.

- 600. Pediatrics Clerkship**
(O M 652.) Fall, Winter, Spring, Summer. 6 or 8 credits. Grade P in all courses offered in terms 1 through 8 or approval of department.
Practical clinical exposure 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.
- 620. Directed Studies**
Fall, Winter, Spring, Summer. 2 to 24 credits. PED 600 or approval of department.
Study in general or specialty pediatrics.

PEDIATRICS AND HUMAN DEVELOPMENT PHD

(Name changed July 1, 1979. Formerly Department of Human Development.)

College of Human Medicine

- 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) PHD 531 or approval of department.
Normal psychological and physical development of the human including intellectual, 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.

PEDIATRICS PED

(Established effective January 1, 1979.)

College of Osteopathic Medicine

- 590. Special Problems in Pediatrics**
Fall, Winter, Spring, Summer. 1 to 8 credits. Approval of department.
Each student will work under direction of a faculty member on an experimental, theoretical or applied problem.

- 607. Ambulatory Care Clerkship**
Fall, Winter, Spring, Summer. 1 to 3 credits. May reenroll for a maximum of 9 credits. H 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.