

HBP

Pathology

HBP 511: Pathobiology for Graduate Health Care Practitioners

For graduate students who have obtained primary health care baccalaureate degrees through the case study approach. Covers the underlying principles of modern experimental pathology. Focuses on the clinical aspects of the body system, including relevant underlying biochemistry, structure, or pathophysiology at the organ, tissue, cell or molecular level.

Prerequisites: Undergraduate degree, health care experience, biochemistry or cell biology, anatomy and microbiology.

Fall and Spring, 3 credits, Letter graded (A, A-, B+, etc.)

HBP 533: Immunology

Principles of immunology for graduate students in the biological sciences, including definition of antigens and antibodies, specificity of the immune response, immunoglobulin structure, the genetics of immunoglobulin synthesis, cellular cooperation in the immune response, hypersensitivity, tolerance immunogenetics. Open to advanced undergraduates.

Fall, 3 credits, Letter graded (A, A-, B+, etc.)

HBP 556: Laboratory Medicine

A four-week full-time (6 hr, day) course dealing with clinical laboratory decision making and the basis for the laboratory evaluation of human evaluation of human disease. Didactic and practical presentations by interdepartmental faculty. Intended principally for senior medical students, but also for advanced microbiology or biochemistry students interested in clinical applications.

Prerequisite: Permission of instructor.

Spring, 6 credits, Letter graded (A, A-, B+, etc.)

HBP 590: Seminars in Immunology

A series of monthly seminars focusing on research in progress by the participants, current journal articles in the field of immunobiology, and prepared reviews of specified areas in the general field.

Prerequisite: MCB Graduate Students

*Fall and Spring, 1 credit, S/U grading
May be repeated for credit.*

HBP 622: Clinical Pathologic Correlations: Gross Pathology

Correlative exercises in clinical pathology and human gross anatomic pathology including

surgical biopsy material. Open to students in medical sciences.

*Prerequisites: Systems pathology and general pathology course. Permission of instructor.
Fall, 1-3 credits, Letter graded (A, A-, B+, etc.)*

May be repeated for credit.

HBP 691: Journal Club in Pathology

Provides students with a forum for acquiring skills involved in the critical analysis and presentation of scientific data by active participation in seminars of major topics in cellular and molecular pathology, and critical discussion of selected topics with presentation of papers from the literature.

Prerequisite: MCB Graduate Student

Fall and Spring, 1 credit, Letter graded (A, A-, B+, etc.)

May be repeated for credit.

HBP 966: Hematology Conference

Teaches a given aspect of hematology, oncology or immunology. Staff from medicine, pathology, and nuclear medicine participate, and usually presents a case to introduce the subject. Various teaching aids, such as review of pathological material, are used. Primarily for health sciences professionals.

1-3 credits, Letter graded (A, A-, B+, etc.)

May be repeated for credit.

HBP 967: Tumor Conference

Considers problems in the management of patients with a malignancy and recommendations for a course of therapy for each patient including a review of a particular aspect of cancer treatment or natural history in depth. Functions as the link between the hospital and the Eastern Oncology Cooperative Group. Primarily for health science professionals.

1-3 credits, Letter graded (A, A-, B+, etc.)

May be repeated for credit.

HBP 968: Advanced Clinical Pathologic Correlations: Gross Pathology

Postgraduate correlative exercises in human gross pathologic anatomy that emphasize the gross pathologic basis for altered function and clinical manifestations of disease. Open to physicians and others with advanced degrees in medical sciences.

1-3 credits, Letter graded (A, A-, B+, etc.)

May be repeated for credit.

HBP 969: Anatomical and Surgical Pathology for Residents in Pathology

To provide practical and clinical experience in tissue pathology. During the four week elective the student is given the opportunity

to participate in all aspects of autopsies as well as gross and microscopic examination of general and organ system pathology to reinforce structural-functional correlations. This elective is selected by students who plan a career in pathology as a "hands-on" introduction to the specialty. The elective is also chosen by others, particularly individuals who will enter radiology, and who seek to correlate radiographic and pathologic anatomy. Students who are sufficiently interested and motivated may become involved in relatively independent work-up of selected cases. Primarily for health sciences professionals.

1-3 credits, Letter graded (A, A-, B+, etc.)

May be repeated for credit.

HBP 971: Renal Clinicopathologic Correlations

A case-oriented, postgraduate course in renal biopsy interpretation and its relationship to patient management.

1 credit, Letter graded (A, A-, B+, etc.)

May be repeated for credit.