

# MPAT - PATHOLOGY & LAB MEDICIN

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## MPAT 801 Anatomic and Clinical Pathology

**Credits 1.25 to 10. 1.25 to 10 Other Hours.** This 2- or 4-week elective course will serve to familiarize the student with the organization and clinical activity of Anatomic and Clinical Pathology. The course will reinforce the students' knowledge in anatomy, histology, and basic Anatomic Pathology. The student will be introduced to the principles of diagnosis in surgical biopsies, surgical resections, cytology material, and post-mortem examinations. The elective will acquaint the student with the clinical laboratory and methodologies of procedures, their interpretation, and their application of patient management in areas of blood bank, microbiology, specimen handling, forensic toxicology, hematology, body fluids, chemistry, and immunology. May be repeated for credit. Must be taken on a satisfactory/unsatisfactory basis.

**Prerequisite:** Satisfactory completion of year three of the medical school curriculum.

## MPAT 808 Cytogenomics

**Credits 0 to 10. 0 to 10 Other Hours.** Opportunity to work as part of a medical team responsible for detecting, analyzing, and interpreting genetic diseases in human blood, tissue, and bodily fluid samples.

**Prerequisites:** Doctor of Medicine classification.

## MPAT 985 Off Campus Student Initiated Elective

**Credits 1.25 to 15. 1.25 to 15 Other Hours.** Formally described elective courses at another medical school or off-campus opportunities that are not formally approved electives; School of Medicine requires that each of these electives be approved prior to the rotation.

## MPAT 999 On Campus Student Initiated Elective

**Credits 1.25 to 12. 1.25 to 12 Other Hours.** On-campus opportunity in the department of Pathology in the School of Medicine that is not defined herein; experiences may include clinical research, basic science research, library research, other basic science activities, and other clinical activities; interest in developing an elective of this type should contact the head of the appropriate department for additional details.