

GRADUATE CERTIFICATE IN PATHOLOGY FELLOWSHIP

Pathology for Post-Second Year Medical Students Certificate
"Pre-Clinical Pathology Fellowship"

Student Learning Objectives

At the end of the fellowship, the students will be able to:

Autopsy Service

- perform a complete autopsy including evisceration, dissection and examination of the various organs including brain
- describe grossly and microscopically all organs from a given autopsy and provide a clinicopathologic correlation as to the cause of death

Surgical Pathology

- Perform gross and microscopic examinations on surgical specimens
- cut, stain and review frozen sections
- interpret frozen sections
- interpret gross and microscopic surgical pathology specimens

Clinical Pathology

- interpret peripheral blood smears
- provide clinicopathologic correlations for chemistry, microbiology and immunology tests
- interpret protein electrophoresis

Electives and Scholarly Activities

- analyze scientific articles
- interpret EM specimens
- interpret renal biopsies for adequacy and diagnosis
- prepare and present scientific papers at annual scientific day

Teaching

- teach second year medical school small groups

Students from LCME accredited medical schools who have completed their second or third year and are in good academic standing are eligible to apply for this program. While the American Board of Pathology gives up to 1 year credit toward certification for time spent as a Fellow, the Fellowship is not limited to those planning to make pathology a career.

- Successful completion of a second year or third year medical school curriculum from an LCME accredited medical school with grades equivalent to a GPA ≥ 3.0 .
- GRE exam not required

Code	Title	Hours
PATH 6060	Surgical Clinical Rotation	7
PATH 6070	Intro Clinical Lab Medicine	3
PATH 6080	Postmortem Clinical Rotation	6
PATH 6890	Independent Study in Pathology	1

INDI 6980	Scholarly Project for Medical Sciences	3
Total Hours		20
First Term		
PATH 6060	Surgical Clinical Rotation	3
PATH 6070	Intro Clinical Lab Medicine	3
PATH 6080	Postmortem Clinical Rotation	2
Hours		8
Second Term		
PATH 6060	Surgical Clinical Rotation	2
PATH 6080	Postmortem Clinical Rotation	2
INDI 6980	Scholarly Project for Medical Sciences	2
Hours		6
Third Term		
PATH 6060	Surgical Clinical Rotation	2
PATH 6080	Postmortem Clinical Rotation	2
PATH 6890	Independent Study in Pathology	2
Hours		6
Total Hours		20

- PLO 1. To perform a complete autopsy including gross and microscopic examination as well as clinical pathology correlation.
- PLO 2. To perform gross and microscopic assessment of surgical pathology specimens including the interpretation of frozen and permanent sections.
- PLO 3. To interpret clinical laboratory tests and provide correlations with patient's clinical condition.
- PLO 4. Scholarly project. Develop a researchable question, use appropriate research strategies and techniques to generate a scholarly response to the question and the finds of the project will be presented at the departments annual scientific day.