

Histotechnician Program

Histotechnician Certificate (<http://und-public.courseleaf.com/undergraduateacademicinformation/departementalcoursesprograms/histotechniciancertificateprogram/histo-cert>)

Courses

HT 360. Histopathology Laboratory Theory. 3 Credits.

This course presents an overview of topics related to histology laboratory operations and an introduction to histology laboratory management. Prerequisite: HT program students only. F,S,SS.

HT 362. Histotechniques I. 3 Credits.

This course is the introduction to the fundamental techniques, including fixation, processing, instrumentation, and solution preparation. Cytoplasmic, nuclear, carbohydrate, and amyloid staining will be presented. Prerequisite: HT program students only. F,S,SS.

HT 363. Histotechniques II. 3 Credits.

This course is the continuation of the fundamental techniques of histology, including muscle and connective tissue, nerves, microorganisms, pigment, minerals, cytoplasmic granules, immunohistochemistry, and enzyme histochemistry. Prerequisite: HT program students only. F,S,SS.

HT 367. Histology Practicum I. 5 Credits.

Communication skills, attitude and work performance will be evaluated. The skills involved will emphasize the fundamental techniques including fixation, specimen processing, instrumentation, sectioning and staining with emphasis on the Hematoxylin and Eosin stain. Prerequisite: HT program students only. Corequisite: HT 362. F,S,SS.

HT 368. Histology Practicum II. 5 Credits.

Individual assignments in an accredited histology lab. Emphasis on refining skills learned in Histology Practicum I, staining procedures and tissue identification. Prerequisite: HT program students only. Corequisite: HT 363. F,S,SS.

HT 399. Special Topics. 1-5 Credits.

Lecture, discussion, and readings on topics of current interest in the pathology laboratory. Prerequisite: HT program students only. Repeatable to 5 credits. F,S,SS.