

CYTOTECHNOLOGY & PATHOLOGY ASSISTANT PROGRAMS

Cytotechnology is the microscopic study of cells which have been shed, scraped, or aspirated from body tissues. These laboratory professionals prepare samples for examination by using staining techniques which make the specimen more visible. Cytotechnologists are trained to recognize minute abnormalities in the color, size, and shape of the cell structures making them the first to determine the presence or absence of abnormal or malignant cells.

Histotechnology is a science centering on the microscopic detection of tissue abnormalities for disease diagnosis and the treatment of diseases. Utilizing specific reagents, chemicals, and dyes, the histotechnologist prepares surgical specimens for microscopic screening by the surgical pathologist.

Pathology assistant is an extensively trained allied health professional who provides various services in anatomic pathology under the direction and supervision of a Pathologist. Pathologists' Assistants are trained to provide processing of anatomic laboratory specimens, including comprehensive macroscopic examination and evaluation of all surgical cancer resections. Pathologists' Assistants are also trained to perform clinical and medico-legal postmortem examinations (i.e., hospital and forensic autopsy).

CYTOTECHNOLOGY PROGRAM REQUIREMENTS AND PREREQUISITES FOR UTHSC Memphis, TN

Requirements and Prerequisites	Corresponding FHU Courses	Total Hours
English/Literature/Communication	ENG101, ENG102, COM140 and/or COM240	9
General Biology I & II	BIO111 & 112	8
Upper Level Science	BIO CHE	15
General Chemistry I and II	CHE121/121L & 122/122L	8
Mathematics	MAT101 or MAT235	3
Social Sciences	Courses in Psychology, Sociology, History (HIS221 or 222), Philosophy, Political Science, etc.	6

All prerequisites require a C or better in each course with an overall GPA of 3.0.

RECOMMENDED COURSES INCLUDE:

*Histology, Cell Biology, Genetics, Anatomy and Physiology, Microbiology, and Immunology.

IS A DEGREE REQUIRED? ___ YES ___X___ NO

The program is designed as a full time "3 + 2" program that leads to a Master of Cytopathology Practice degree. Students complete three years of prerequisite courses at other colleges or universities, and then complete two years (21 months) of professional coursework on the campus of the University of Tennessee Health Science Center. Candidates are not required to have a baccalaureate degree prior to admission.

IS CLINICAL EXPERIENCE REQUIRED OR HELPFUL? No

APPLICATION DEADLINE:

Early: January 30

Regular: April 15

Late: July 15

**PATHOLOGY ASSISTANT PROGRAM REQUIREMENTS AND PREREQUISITES FOR
UTHSC
Memphis, TN**

Requirements and Prerequisites	Corresponding FHU Courses	Total Hours
English Composition	ENG101or ENG102	3
General Biology I & II	BIO111 & 112	8
General Chemistry I and II	CHE121/121L & 122/122L	8
Organic Chemistry I and II	CHE 321 & CHE 322	8
Biochemistry Chemistry I	CHE331	4
Microbiology	BIO215	4
Mathematics	College Algebra or Higher	3

RECOMMENDED COURSES: Embryology, Histology, Immunology, and Genetics
A 3.0 GPA overall and within the cumulative sciences and math is recommended. All prerequisites require a C or better in each course with an overall GPA of 3.0.

An applicant may be conditionally accepted to a program without having completed all prerequisite work. However, coursework must be successfully completed prior to final acceptance and thereby starting the program.

IS A DEGREE REQUIRED? YES NO

The program is designed as a full time “3 + 2” program that leads to a Master of Cytopathology Practice degree. Students complete three years of prerequisite courses at other colleges or universities, and then complete two years (21 months) of professional coursework on the campus of the University of Tennessee Health Science Center. Candidates are not required to have a baccalaureate degree prior to admission.

IS CLINICAL EXPERIENCE REQUIRED OR HELPFUL? Required

8 hours of gross room shadowing experience (required); autopsy shadowing experience (preferred). Applicants will be asked to describe in writing, their experience(s).

ADDITIONAL REQUIREMENTS:

Two letters of recommendation from individuals who can speak to the applicant’s intellectual ability, work ethic, and professionalism. Applicants will provide the recommender’s contact information. Upload a copy of their CV/Resume and a professional photo of themselves in a word document.

START DATE: Applications open in the spring and close in the summer. The start date for the program is in January of the following year. This is a two year program that includes clinical experiences across Tennessee.