

HISTOTECHNOLOGY (B.S.)

The histotechnology prepares students to become certified histotechnologists. Histotechnology is a 3+1 program with the fourth year completed at Northwestern Memorial Hospital. Coursework in histotechnology prepares students to process, stain and microscopically observe specimens to diagnose cellular and tissue abnormalities. It is important to note that admission to the University of St. Francis does not guarantee admission to the professional phase of the program. Students will need to apply to Northwestern Medicine in the fall of their junior year to begin the following fall.

Code	Title	Hours
Pre-Professional Program		
BIOL 151	Beginning Investigative Experiences in Biology	2
BIOL 160	Cell Biology	4
BIOL 211	Microbiology	5
BIOL 221	Human Anatomy	4
BIOL 252	Human Physiology	4
BIOL 255	Genetics	4
BIOL 322	Molecular Biology	4
or CHEM 322 & CHEM 323	Biochemistry and Biochemistry Lab	
BIOL 343	Immunology	3
CHEM 121	General Chemistry I	4
CHEM 122	General Chemistry II	4
CHEM 123	General Chemistry I Lab	1
CHEM 124	General Chemistry II Lab	1
CHEM 224	Organic Chemistry I	3
CHEM 225	Organic Chemistry I Lab	1
MATH 175	Statistics	4
HSTO 201	Introduction to Healthcare Laboratories	1
Total Hours		49

Code	Title	Hours
Professional Program at Northwestern Medicine		
HSTO 333	Laboratory Management	2
HSTO 334	Introduction to Histotechnology	2
HSTO 336	Embedding/Processing	3
HSTO 337	Microtomy/Instrumentation	3
HSTO 338	Routine Staining/Quality Control	2
HSTO 357	Clinical Rotations	2
HSTO 375	Immunohistochemistry	3
HSTO 376	Electron Microscopy	2
HSTO 377	Special Stains	4
HSTO 378	Process Improvement	2
HSTO 379	Seminar – Education and Research	3
HSTO 389	Fixation/Gross Pathology	3
HSTO 390	Microanatomy	3
HSTO 391	Immunofluorescence/Enzyme histochemistry/In-Situ Hybridization	2
Total Hours		36