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
Total Hours Code	Title	49 Hours
Code	Title gram at Northwestern Medicine	
Code		
Code Professional Pro	gram at Northwestern Medicine	Hours
Code Professional Prof HSTO 333	gram at Northwestern Medicine Laboratory Management	Hours 2
Code Professional Prof HSTO 333 HSTO 334	gram at Northwestern Medicine Laboratory Management Introduction to Histotechnology	Hours 2 2
Code Professional Prof HSTO 333 HSTO 334 HSTO 336	gram at Northwestern Medicine Laboratory Management Introduction to Histotechnology Embedding/Processing	Hours 2 2 3
Code Professional Prof HSTO 333 HSTO 334 HSTO 336 HSTO 337	gram at Northwestern Medicine Laboratory Management Introduction to Histotechnology Embedding/Processing Microtomy/Instrumentation	Hours 2 2 3 3 3
Code Professional Prof HSTO 333 HSTO 334 HSTO 336 HSTO 337 HSTO 338	gram at Northwestern Medicine Laboratory Management Introduction to Histotechnology Embedding/Processing Microtomy/Instrumentation Routine Staining/Quality Control	Hours 2 2 3 3 2
Code Professional Prof HSTO 333 HSTO 334 HSTO 336 HSTO 337 HSTO 338 HSTO 357	gram at Northwestern Medicine Laboratory Management Introduction to Histotechnology Embedding/Processing Microtomy/Instrumentation Routine Staining/Quality Control Clinical Rotations	Hours 2 2 3 3 2 2
Code Professional Prof HSTO 333 HSTO 334 HSTO 336 HSTO 337 HSTO 338 HSTO 357	gram at Northwestern Medicine Laboratory Management Introduction to Histotechnology Embedding/Processing Microtomy/Instrumentation Routine Staining/Quality Control Clinical Rotations Immunohistochemistry	Hours 2 2 3 3 3 2 2 2 3 3
Code Professional Prof HSTO 333 HSTO 334 HSTO 336 HSTO 337 HSTO 338 HSTO 357 HSTO 375 HSTO 376	Laboratory Management Introduction to Histotechnology Embedding/Processing Microtomy/Instrumentation Routine Staining/Quality Control Clinical Rotations Immunohistochemistry Electron Microscopy	Hours 2 2 3 3 2 2 3 2 2
Code Professional Prof HST0 333 HST0 334 HST0 336 HST0 337 HST0 338 HST0 357 HST0 375 HST0 376 HST0 377	gram at Northwestern Medicine Laboratory Management Introduction to Histotechnology Embedding/Processing Microtomy/Instrumentation Routine Staining/Quality Control Clinical Rotations Immunohistochemistry Electron Microscopy Special Stains	Hours 2 2 3 3 2 2 4
Code Professional Prof HST0 333 HST0 334 HST0 336 HST0 337 HST0 338 HST0 357 HST0 375 HST0 376 HST0 377 HST0 378	Laboratory Management Introduction to Histotechnology Embedding/Processing Microtomy/Instrumentation Routine Staining/Quality Control Clinical Rotations Immunohistochemistry Electron Microscopy Special Stains Process Improvement	Hours 2 2 3 3 2 2 4 2
Code Professional Prof HST0 333 HST0 334 HST0 336 HST0 337 HST0 338 HST0 357 HST0 375 HST0 376 HST0 377 HST0 378 HST0 379	Laboratory Management Introduction to Histotechnology Embedding/Processing Microtomy/Instrumentation Routine Staining/Quality Control Clinical Rotations Immunohistochemistry Electron Microscopy Special Stains Process Improvement Seminar – Education and Research	Hours 2 2 3 3 2 2 4 2 3
Code Professional Prof HST0 333 HST0 334 HST0 336 HST0 337 HST0 338 HST0 357 HST0 375 HST0 376 HST0 377 HST0 378 HST0 379 HST0 389	Laboratory Management Introduction to Histotechnology Embedding/Processing Microtomy/Instrumentation Routine Staining/Quality Control Clinical Rotations Immunohistochemistry Electron Microscopy Special Stains Process Improvement Seminar – Education and Research Fixation/Gross Pathology	Hours 2 2 3 3 2 2 4 2 3 3 3 3