

# HISTOLOGIC TECHNICIAN TRAINING (AS DEGREE S1211)

## Natural Sciences Division Degree S1211

This program provides on-campus and on-site technical training in the field of histotechnology, focusing on routine tissue sample preparation, special stains and techniques such as immunohistochemistry, and in situ hybridation. Training on campus will utilize samples routinely prepared in both clinical and research facilities. As part of their formal training, students of histotechnology will work through study guides provided by the American Society of Clinical Pathologists (ASCP) for its certification examination. Partnerships with local facilities will allow for work experience and internship sites, required for certification of histotechnology graduates, and will provide further training for those interested in research and/or careers in the private sector.

This degree requires the completion of General Education coursework plus the following:

## Required Courses

Course Prefix	Course Name	Units
Choose one course from the following:		3-5
ANAT 10B	Introductory Human Physiology	
ANAT 36	Human Physiology	
MICR 26	Introduction to Immunology	
Choose one course from the following:		5
CHEM 10	Chemistry for Allied Health Majors	
CHEM 40	Introduction to General Chemistry	
CHEM 50	General Chemistry I	
CHEM 50H	General Chemistry I - Honors	
ANAT 35	Human Anatomy	5
HT 1	Introduction to Histotechnology	1
HT 2	Scientific Basics for Histotechnicians	3
HT 10	Histology	3
HT 12	Beginning Histotechniques	5
HT 14	Advanced Histotechniques	5
HT 16	Histochemistry and Immunohistochemistry	4
HT 17	Work Experience in Histotechnology	4
MICR 1	Principles of Microbiology	4-5
or MICR 22	Microbiology	
<b>Total Units</b>		<b>42-45</b>

The Histologic Technician Training program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS).

### Contact:

National Accrediting Agency for Clinical Laboratory Sciences  
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Rosemont, IL 60018-5119  
(773) 714-8880  
(773) 714-8886 (fax)  
info@naaccls.org  
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### Program Learning Outcomes

*Upon successful completion of this program, a student will be able to:*

- successfully pass the Histotechnician American Society for Clinical Pathology Exam (ASCP)
- be employed as a Histotechnician
- demonstrate superior technical skills

Review Student Learning Outcomes (SLOs) (<http://www.mtsac.edu/instruction/outcomes/sloinfo.html>) for this program.