

HISTOTECHNICIAN TRAINING (AS DEGREE S0961)

Natural Sciences Division Degree S0961

This program provides on-campus and on-site technical training in the field of histotechnology, focusing on routine tissue sample preparation, routine and special stains, and techniques such as enzyme histochemistry, immunohistochemistry, and in situ hybridization. Training on campus will utilize samples routinely prepared in both clinical and research facilities. As part of their formal training, students of histotechnology will utilize materials to prepare graduates for the American Society for Clinical Pathology (ASCP) Histotechnician (HT) or Histotechnologist (HTL) certification examination. Partnerships with local facilities will allow for work experience required for certification and provide further training for histotechnology students.

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

Required Courses

Course Prefix	Course Name	Units
BIOL 1 or BIOL 4 or BIOL 4H	General Biology Biology for Majors Biology for Majors - Honors	4
ANAT 35	Human Anatomy	5
CHEM 10 or CHEM 40 or CHEM 50 or CHEM 50H	Chemistry for Allied Health Majors Introduction to General Chemistry General Chemistry I General Chemistry I - Honors	5
MICR 1 or MICR 22	Principles of Microbiology Microbiology	4-5
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 (Variable Unit Course. Four units required.)	4
HT 25	Cellular and Molecular Biology for Histotechnicians	3
Total Units		46-47

The Histotechnician 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
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<http://naaccls.org/>

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.