

# 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 for Clinical Pathology (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  
5600 N. River Rd., Suite 720  
Rosemont, IL 60018-5119  
(773) 714-8880  
(773) 714-8886 (fax)  
info@naaccls.org  
<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.