

# Histotechnician Certificate Program

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<http://www.med.und.edu/histotechnology/>

Hoffman, Lunak, Paur (Chair, Program Director)

The Histotechnician Certificate Program at the University of North Dakota is within the Department of Medical Laboratory Science. It is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), at 5600 N. River Road, Suite 720, Rosemont, IL 60018, 773-714-8880.

Histotechnicians prepare specimens for research or medical diagnosis by a pathologist. They work to process tissues that have been removed during surgery. Fine motor skills are used to cut the tissue into very thin slices which are mounted on slides and stained with special dyes to make cellular detail visible under the microscope. Microscopic examination of these tissue sections allow for the detection of disease processes and aids in deciding the course of treatment for the patient.

Histotechnicians must work quickly, as they are frequently under pressure to deliver results while the patient is in surgery. They work with fragile, delicate instruments, knives, chemicals and glass slides. He or she must value precision and be comfortable working with equipment that requires careful monitoring.

Histotechnology professionals work in hospitals, for-profit laboratories, clinics, public health facilities, and industry. Additional opportunities are available in industrial research, veterinary pathology, marine biology and forensic pathology. (From "A Career as a Histotechnologist and Histotechnician," American Society for Clinical Pathology.)

The UND admission and advance placement policies, as well as the policies for special examination/ validation for credit, are included in the Academic Catalog or on the UND website at: [www.und.edu](http://www.und.edu).

## Histotechnician Certificate

Admission to the certificate program is open to all individuals who meet the following requirements:

1. Associate degree
2. Introduction to Chemistry (Chem 115/L, 4 credits)
3. Concepts of Biology (Biol 111/L, 4 credits)
4. Math at college level
5. Verification of a cumulative GPA of 2.8 on a scale of 4.0
6. Completion of the Biology and Chemistry courses with a C or better
7. Criminal background check
8. Immunization records
9. Verification of acceptance by a clinical site that meets the specification for acceptance in the Histotechnician Certificate Program

## Curriculum:

HT 360	Histopathology Laboratory Theory *	3
HT 362	Histotechniques I *	3
HT 363	Histotechniques II *	3
HT 367	Histology Practicum I **	5
HT 368	Histology Practicum II **	5
Total Credits		19

\* Online course

\*\* Clinical Internship at accredited medical center