

Bachelor of Science

Major in Cytotechnology

The Department of Biological Sciences offers a Bachelor of Science with a major in cytotechnology in affiliation with the Dallas Pathology Associates Laboratories in Dallas, Mayo School of Health-Related Sciences in Rochester, Minnesota, and the University of Texas M.D. Anderson Cancer Center, Houston, which are approved by the American Medical Association.

Students complete 90 semester hours at UNT (prior to entering clinical training) and a minimum of 12 months of clinical training (for a minimum of 39 semester hours) at any American Medical Association-approved school of cytotechnology to complete the degree.

Upon graduation, students are eligible to take national examinations given by the American Society of Clinical Pathologists (ASCP). The ASCP examination is given annually in August at multiple testing centers. Upon passing the registry examination, the student is considered a certified cytotechnologist. The awarding of the degree is not contingent upon students passing the national board examination.

Degree Requirements

The Bachelor of Science degree with a major in cytotechnology requires a minimum of 134 semester hours, 42 of which must be advanced, and fulfillment of degree requirements for the Bachelor of Science degree as specified in the College of Arts and Sciences section of this catalog.

Major in Cytotechnology

*Following is **one** suggested four-year degree plan. Students are encouraged to see their adviser each semester for help with program decisions and enrollment.*

BS with a Major in Cytotechnology

FRESHMAN YEAR

FALL	HOURS
BIOL 1710, Principles of Biology I	3
BIOL 1730, Biology I Laboratory	1
CHEM 1410, General Chemistry ¹⁰	3
CHEM 1430, General Chemistry Laboratory	1
ENGL 1310, College Writing I	3
MATH 1100, College Algebra ⁴	3
Visual and Performing Arts ⁷	<u>3</u>
Total	17

FRESHMAN YEAR

SPRING	HOURS
BIOL 2040, Biology of Microorganisms	4
CHEM 1420, General Chemistry ¹⁰	3
CHEM 1440, General Chemistry Laboratory	1
ENGL 2210, World Literature I ⁶	3
MATH 1680, Elementary Probability and Statistics	3
CSCI ¹	<u>3</u>
Total	17

SOPHOMORE YEAR

FALL	HOURS
BIOL 2360, Applied Human Anatomy	4
CHEM 3600, Organic Chemistry ²⁰	4
ECON 1110, Macroeconomics	3
ENGL 2220, World Literature II	3
HIST 2610, United States History to 1865 ¹²	<u>3</u>
Total	17

SOPHOMORE YEAR

SPRING	HOURS
BIOL 2370, Applied Human Physiology	4
EDSE 4840, Instructional Strategies and Classroom Management	3
ENGL 2700, Technical Writing	3
HIST 2620, United States History from 1865 ¹²	3
Oral Communication ²	<u>3</u>
Total	16

JUNIOR YEAR

FALL	HOURS
BIOL 3350, Heredity	3
BIOL 4090, Parasitology	4
ECON 4180, The Economics of Health Care	3
PSCI 1040, American Government	3
Understanding of Ideas and Values ¹⁹	<u>3</u>
Total	16

JUNIOR YEAR

SPRING	HOURS
BIOL 3600, Histological and Biomedical Microtechniques	4
MGMT 3820, Principles of Management	3
PSYC 1630, General Psychology I ¹⁴	3
PSCI 1050, American Government	3
Wellness ¹¹	<u>2-3</u>
Total	15-16

SENIOR YEAR

FALL	HOURS
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Before attendance at a clinical school of cytotechnology approved by the American Medical Association in collaboration with the American Society of Cytotechnology, student must apply and be accepted by the school. A minimum of 39 hours of professional cytotechnology courses during approximately 12 months is required to complete the senior year of this program. Successful completion of the first three years does not guarantee admission into a clinical school. Contact the Cytotechnology Program Director.

SPRING	HOURS
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Total 39

Note: Some courses may require prerequisites not listed.

See Arts and Sciences footnotes (<http://www-lan.unt.edu/PAIS/catalogs/ufcasfoo.htm>).

Summary of Degree Requirements:

Professional Courses:	39
Biology Minor (11 advanced):	27
Chemistry:	12
Secondary Education:	3
Management:	3
Psychology:	3
Economics	3
Core:	
English	12
History	6
Political Science	6
Wellness	2-3
Economics	3
Mathematics	6
Understanding of Ideas and Values	6
Visual and Performing Arts	3
Computer Science Proficiency:	0-3
Oral Communication Skills Proficiency:	0-3
Electives:	2

Note:

A minimum GPA of 2.5 is required on all advanced science courses.

All preprofessional courses must be completed prior to clinical training.

42 hours must be advanced;

24 advanced hours must be taken at UNT

24 of the last 30 hours must be completed at UNT.

Supplemental Information for BS with a Major in Cytotechnology

1. Completion of the following preprofessional requirements before clinical training with a minimum GPA of 2.5 for upper-division courses in the sciences:

- BIOL 1710/1730, 2040, 2360, 2370, 3350, 3600 and 4090. 27 hours.
- CHEM 1410 or 1413/1430, 1420 or 1423/1440 and 3600. 12 hours.
- MATH 1100 and 1680.
- MGMT 3820.
- ECON 1110, 4180.
- EDSE 4840.
- PSYC 1630. 3 hours. (PSYC 1630 also will satisfy 3 hours from Group I under Understanding of Ideas and Values.)
- ENGL 1310, 2210, 2220, 2700.
- Professional training courses at an approved school of cytotechnology. Minimum of 39 hours.

2. Submission to the program director of a transcript evaluation request, including the name(s) of cytotechnology school(s) where the student is applying.

3. Filing, in the program director's office before leaving campus, the name of an accredited cytotechnology school to be attended.

4. Satisfactory completion of a minimum of 12 months of professional training at an approved cytotechnology school as verified by an official transcript sent to the UNT cytotechnology program director. The transcript is evaluated by the director, who recommends to the dean of the College of Arts and Sciences and the Registrar that a minimum of 39 hours of credit be granted for the completed professional training.

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