



# UNMC College of Allied Health Professions

## Cytotechnology Program Guide

Listed are MCC courses that satisfy the University of Nebraska Medical Center's Cytotechnology admission requirements.

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Listed below are Metropolitan Community College courses that will satisfy the University of Nebraska Medical Center's (UNMC) Cytotechnology admission requirements. UNMC requires that students interested in Cytotechnology complete a bachelor's degree. Students can earn a bachelor's degree in any area of interest (i.e. biology, business, music, nursing, nutritional science). To be considered for admission, the course requirements listed below must be met. The Cytotechnology program is a one-year post-baccalaureate certificate program.

UNMC Admission Course Requirements	Metropolitan Community College Courses			Quarter Hours
<b>Biological Sciences</b>	BIOS	1010	Introduction to Biology	6
30 quarter hours required - one additional course in	BIOS	2050	Genetics	4.5
bacteriology, parasitology, cell biology, zoology,	BIOS	2150	Microbiology	6
histology, embryology or immunology will need to	BIOS	2310	Human Anatomy and Physiology I	6
be completed at a four-year institution	BIOS	2320	Human Anatomy and Physiology II	6
<b>Chemistry</b>	CHEM	1210&1211	General Chemistry: Parts I & II <b>OR</b>	6
12 quarter hours required	CHEM	1212	General Chemistry: Accelerated	
	CHEM	1220	General Chemistry II	6
<b>Mathematics</b>	MATH	1410	Statistics <b>OR</b>	4.5
4.5 quarter hours required	MATH	1420	College Algebra *	5

\* MATH 1420 College Algebra should be completed if transferring to UNL for completion of bachelor's degree.

### UNMC Program Notes

- Applicants to the Cytotechnology program must have earned a bachelor's degree upon matriculation. Applicants may transfer a maximum of 99 quarter hours (66 semester hours) to the University of Nebraska at Omaha.
- Admission to the Cytotechnology program is very competitive. A 2.5 GPA (on a 4.0 scale) in undergraduate work is required for admission. A GPA of 2.8 or higher is preferred.
- Cytotechnology admits up to six students each fall.

### What is Cytotechnology?

Using a microscope, cytotechnologists study specimens from all body sites. Subtle changes in the cells themselves enable cytotechnologists to diagnose cancer, precancerous lesions, benign tumors, infectious agents and inflammatory processes. Cytotechnologists can help save lives by discovering certain diseases early when treatment is most effective. A career as a cytotechnologist is both challenging and rewarding.

Cytotechnologists are observant, responsible, caring professionals who work independently and are good team players.