



College of Allied Health Professions

Clinical Laboratory Science

Associate to Bachelor's (A→B)

Articulation Agreement

For more information contact:

Office of Student Services
Metropolitan Community College
 Elkhorn Valley Campus
 (402) 289-1205
 Fort Omaha Campus
 (402) 457-2705
 South Omaha Campus
 (402) 738-4505
 Saryp County Center
 (402) 537-3800
 Fremont Center
 (402) 721-2507
 Applied Technology Center
 (402)763-5800
 www.mccneb.edu

University of Nebraska at Omaha
 College of Arts and Sciences
 Arts & Sciences Advising Center
 (402) 554-2458
 www.unomaha.edu

University of Nebraska Medical Center
 College of Allied Health Professions
 Academic & Student Affairs
 (402) 559-6673
 cahp.admissions@unmc.edu
 www.unmc.edu/alliedhealth

The Pre-Clinical Laboratory Science Associate in Science degree is for Metropolitan Community College students who are interested in applying for UNMC's Clinical Laboratory Science program.

Pre-Clinical Laboratory Science (PSMT2) Associate in Science

General Education Requirements..... 27

Communications				Mathematics			
ENGL	1010	English Composition I	4.5	MATH	1310	Intermediate Algebra	4.5
ENGL	1020	English Composition II	4.5	Other			
SPCH	1110	Public Speaking	4.5	HMRL	1010	Human Relations Skills	4.5
				INFO	1001	Information Systems & Literacy *	4.5

Major Requirements for Pre-Clinical Laboratory Science..... 71

Mathematics/Computer Science				Social Sciences Select 2 courses			
MATH	1410	Statistics (preferred math course)	4.5	HIST	1110	World Civilization From Prehistory to 1500	4.5
MATH	1420	College Algebra	5	PSYC	1010	Introduction to Psychology*	4.5
Humanities Select 1 course				Natural Sciences/Mathematics			
PHIL	1010	Introduction to Philosophy	4.5	BIOS	1010	Introduction to Biology (w/ lab)	6
PHIL	1100	Critical Reasoning	4.5	BIOS	2150	Microbiology	6
Cultural Studies Select 1 course				CHEM	1210&1211	General Chemistry: Parts I & II(w/ lab) OR	6
HIST	1120	World Civilization from 1500 to Present	4.5		1212	General Chemistry I: Accelerated (w/ lab)	6
Electives				CHEM	1220	General Chemistry II	6
BIOS	2310	Human Anatomy & Physiology I	6		232ABC	Organic Chemistry IA, IB, IC (w/ lab)	7.5
BIOS	2320	Human Anatomy & Physiology II	6				

Total Required Hours..... 98

* Course is required for Associate in Science degree, but not for UNMC's Clinical Lab Science Program



Additional Courses to Complete at UNO | A minimum of 17 semester hours needs to be completed at UNO to obtain the 77 semester hours required for application for admission to UNMC

BIOL	2140	Genetics (on-line available through UNMC – contact 402/559-6673) Required for Admission	3
BIOL	3240	Immunology (on-line available through UNMC – contact 402/559-6673) Required for Admission	3
BIOL	3830	Biology of Pathogenic Microorganisms – Suggested Course	
CHEM	3650 – 3654	Fundamentals of Biochemistry & Lab - Suggested Course	
CHEM	2260	Organic Chemistry II (OR other Upper Level CHEM course – 2000 + Level)	
CLS	302	Introduction to Hematology (Spring only – course taught at UNMC – students register intercampus. Contact a UNO advisor for information or call UNMC at 402/559-6673.- Suggested Course	

Students should select electives to achieve a total of 77 semester hours (60 from Community College), including a broad general education background.

Strongly recommended subjects include:

- Additional Biology
- Molecular Biology
- Chemistry
- Physics
- Critical Thinking/Psychology (if not completed at MCC)

Contact a UNO advisor for more information.



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NOTES

- Students need to complete a minimum of 77 semester hours before they can be eligible to apply to the Clinical Laboratory Science program. Only 60 semester hours (90 quarter hours) will be accepted from community college.
- By completing MCC's Associate in Science in Pre-Clinical Laboratory Science, students will complete 66 semester hours of required coursework in the specific areas needed for admission, and will also earn an associate degree from MCC. (Completion of all of the required courses does not guarantee admission to the Clinical Laboratory Science program.)
- Students will then need to transfer to the University of Nebraska at Omaha to complete the additional courses (17 semester hours) needed for admission.
- The Clinical Laboratory Science program admits 32 students each academic year. Program starts in late May which is considered the Fall semester. Admission into the program is very competitive. The following are considerations for admission:
 - Minimum GPA of 2.5 – the average GPA for the students accepted into the program is typically 3.2 to 3.4 on a 4.0 scale.
 - Minimum Science/Math GPA of 2.5 on a 4.0 scale – the science/math GPA is a GPA made up of Biology, Chemistry, Physics and Math course work.
 - Interview with admissions committee, if selected
 - Job Shadowing, volunteer work, activities, work experience and good references
- Clinical Laboratory Science is a one-year (11-month) Bachelor of Science program.
- Interested students may apply after completing MCC's Associate of Science in Pre-Clinical Laboratory Science, and should apply before November of their junior year for consideration by the Admissions Committee for classes beginning the following May.

INFORMATION ABOUT CLINICAL LABORATORY SCIENCE

Clinical Laboratory Scientists are behind-the-scenes "detectives" in the health care industry. They perform tests that aid in the diagnosis and treatment of disease – for instance, tests may confirm a case of diabetes or a potentially dangerous drug level, identify the bacteria in a blood or wound infection, or detect early cases of leukemia or cancerous tumors. These skilled scientists analyze samples of blood, tissue, and body fluids using the latest technology and a variety of analytical techniques, including DNA and laser technology for analyzing cells.

Clinical Laboratory Scientists are employed in hospitals, clinics, doctors' offices, research facilities, industry, public health institutions, forensic or pharmaceutical laboratories and veterinary clinics. In addition to performing tests and managing the testing process, they find challenging and rewarding opportunities in education, management, marketing and sales, consulting, health care computing, infection control, workplace safety, performance improvement and research and development of new technology.

Clinical Laboratory Scientists share certain common characteristics. They are problem-solvers. They like challenge and responsibility. They are accurate, reliable, work well under pressure, and are able to finish a task once started. They have good oral and written communication skills. They set high standards for themselves and expect quality in the work that they do. Above all, they are deeply committed to their profession, and are fascinated by all that science has to offer. For someone who chooses a career as a Clinical Laboratory Scientist, the exploration never ends.