



Transfer Guide

MCC's General Health Studies (GHAAS)

Bachelor of Science in Medical Laboratory Sciences at UNMC

What is a Medical Laboratory Scientist?

- Medical Laboratory Scientists use special equipment to perform many different laboratory tests on fluids taken from a patient.
- These include blood, saliva, or urine. The tests identify and help treat diseases.

Preprofessional Phase--3 years

Metropolitan Community College Years 1-2

- General Health Studies Program:
 - This option provides students who plan to make application to a four-year institution in the areas of health, emergency services, public service, and medical sciences the opportunity to customize their coursework to meet prerequisites for these programs.

UNMC's College of Allied Health Professions Year 3

- Description: Year three is designed to allow pathway students the opportunity to complete the remaining preprofessional requirements for the Medical Laboratory Science program. This coursework is also transferable to the University of Nebraska at Omaha.

Professional Phase--1 year

UNMC's Medical Laboratory Science Program Year 4

- Description: Professional curriculum that leads to eligibility to certification. UNMC's Medical Laboratory Science program prepares students to become patient-centered professionals with a theoretical knowledge and practical experience in all departments of the clinical/medical laboratory.
- Admissions criteria and curriculum: [MLS at UNMC](#)

Years 1-2 at MCC:

Major Course and Option Requirements	Qtr. hrs	Recommendations for UNMC
Major Course Requirements		
Complete 36 hours from a minimum of two prefixes: HLTH, HIMS, NURS, BIOS, SCIE, CHEM, PHYS, MDST, EMSP, FIST, PSYC, SOCI, and ECED	36	BIOS 1010 (6) General Biology BIOS 2310 (6) Human Anatomy and Physiology I BIOS 2320 (6) Human Anatomy and Physiology II CHEM 1212 (6) General Chemistry I CHEM 1220 (6) General Chemistry II CHEM 2310 (6) Fundamentals of Organic Chemistry
Option Requirements		
Complete 31.5 hours from HLTH, HIMS, NURS, BIOS, SCIE, CHEM, PHYS, MDST, EMSP, FIST	32	HIMS 1120 Medical Terminology I (4.5) HIMS 1150 Introduction to Medical Law and Ethics (4.5) MATH 1410 Statistics (4.5) (recommended) MATH 1425 Pre-Calculus Algebra (5.0) (recommended) HIMS 1512 Usability and Health Information Systems (recommended elective) Elective (4.5) Elective (4.5)
General Education Courses		
Communication		
Complete ENGL 1010 English Composition I	4.5	
Quantitative/Numeracy		
Complete MATH 1315 College Algebra	4.5	
Critical Thinking/Creativity & Social/Cultural Awareness		
Complete one Humanities course from the General Education course options in the MCC Catalog.	4.5	
Scientific Inquiry		
Complete one Natural Science course from the General Education course options in the MCC Catalog. Recommendations: GEOG 1150, GEOG 1160, GEOG 1210, SCIE 1010, SCIE 1300/1310 or SCIE 1400	6.0	
Professionalism/Life Skills & Information Literacy		
Complete one of the following: INFO 1001, HMRL 1010 or EXPL 1000	4.5	

Notes:

- The prerequisite for CHEM 1212 and CHEM 1220 is MATH 1425. Students in this pathway are permitted to enroll in CHEM 1212 and CHEM 1220 after completing MATH 1315. However, MATH 1425 is strongly recommended.
- The Option Requirements for students in this pathway include the MATH prefix.
- Total credit hours – 91.5

Year 3 at UNMC:

At University of Nebraska Medical Center			
Required Prerequisites	CAHP Courses	Semester Hours	Completed
Fall Semester			
Introduction to MLS	MLS	300	1
Immunology	MLS	404	3
Biochemistry	MLS/CAHP	400	3
Foundations of Information Technology in Healthcare	CAHP	420	2
Scanning the Health Care Environment	CAHP	430/630	3
Medical Microbiology	MLS	310	4
Introduction to Hematology	MLS	302	3
Endocrinology & Toxicology	MLS	413	1
Clinical Immunology, Serology and Molecular Diagnostics	MLS	420	2
Health Care Ethics & Critical Thinking	CAHP	426/626	3
Spring Semester			
Intro to MLS	MLS	300	1
Medical Microbiology	MLS	310	4
Immunology	MLS	404	3
Endocrinology & Toxicology	MLS	413	1
Clinical Immunology, Serology and Molecular Diagnostics	MLS	420	2
Biochemistry	MLS/CAHP	400	3
Introduction to Hematology	MLS	302	3
Health Care Ethics & Critical Thinking	CAHP	426/626	3
Medical Terminology	CAHP	310	2
Principles of Critical Inquiry	CAHP	423	3
Summer Semester-- Must Be Taken First Semester			
Communication & Culture in Healthcare	CAHP	415/615	3

Notes:

- Complete MLS application
- Cumulative GPA 2.5, Cumulative Science GPA 2.5
- Need a total of 120 semester credit hours (max 66 from MCC, 54 UNMC)

