



Medical Laboratory Sciences

Planning Guide for North Hennepin Community College

MLS Program Prerequisites: Required prerequisites must be complete by the end of spring semester the year of transfer. Care must be taken in scheduling courses; they may not be available every semester. Talk with your adviser for course planning and sequencing.

- All prerequisite science courses must be taken on the A-F grade basis. A grade of C or higher must be earned.

Prerequisites	Courses that fulfill prerequisite requirements			
	Semester course	Course Completed	Cr. Total	Grade
Statistics	MATH 1130 Elementary Statistics			
Mathematics	MATH 1221 Calculus I			
General Chemistry with lab 8 semester credits	CHEM 1061 Principles of Chemistry I & CHEM 1062 Principles of Chemistry II with Lab			
Organic Chemistry 6 semester credits	CHEM 2061 Organic Chemistry I & CHEM 2022 Organic Chemistry II			
Biology	BIOL 1001 Biology I			
Physiology	BIOL 2111 Human Anatomy & Physiology I & BIOL 2112 Human Anatomy & Physiology II			

Liberal Education (LE) Requirements: To fulfill all MLS degree or second major requirements, students must complete all LE requirements (excluding the upper division writing intensive requirements) prior to the start of the Year 4 curriculum.

Please be aware that admissions criteria and prerequisite requirements can change from year to year. It is the prospective applicant's responsibility to be up-to-date on all MLS requirements prior to applying to the program.

For more detailed information about the program and admission requirements please visit our website, www.cahp.umn.edu. Questions about the program and admissions can be emailed to cahpinfo@umn.edu or contact us by phone (877) 334-2659. Please note our CAHP advisors are available by appointment only.

Other Course Recommendations from the University of Minnesota, Twin Cities

- Introduction to Medical Laboratory Science – MLSP 1010 (1 cr.)
- A course in medical terminology – PHAR 1002 – Health Sciences Terminology (2 cr.)
- A course in study skills - LASK 1001 – Mastering Skills for College Success (2 cr.)
- Cell Biology - BIOL 4004 or GCD 3033 (3 cr.)
- Pathology for Allied Health Students - LAMP 4177 (3 cr.)

Medical Laboratory Sciences

Admission is based on the below primary factors. There are a number of secondary factors also taken into consideration, please visit our website for more detailed information about our application review criteria.

- Minimum GPA of 2.75; 3.0 or higher is considered competitive
 - Cumulative GPA – entire academic record
 - Prerequisite GPA
 - Science and Math GPA – all basic science and math courses completed at the college level
- Ratings on the personal interview and skills assessment

How to Apply

1. Attend a MLS First Step Session or review the First Step Session online. Information about MLS First Step Sessions can be found on our website, <http://cahp.umn.edu/mls-first-step-sessions>.
2. Refer to <http://cahp.umn.edu/instructions> to assess which institution you previously attended and which application you will complete.
3. COMPLETE THE MLS ONLINE APPLICATION FORM with application fee. The MLS application is located on the CAHP website, <http://cahp.umn.edu>. Please refer to the program website for application deadlines and answers to frequently asked questions.

Foundation Courses can be completed prior to admission: The following foundation courses make up part of the MLS Year 3 curriculum. Students who wish to apply directly to Year 4 of the program must complete all prerequisites, the following foundation requirements and liberal education requirements (excluding the upper division writing intensive requirements) prior by the end of summer semester the year of admission. All foundation courses must be taken on the A-F grade basis and a C or higher must be earned.

Foundation Requirements	Course Number	Cr. Total	Grade
Biochemistry	BIOC 3021 (UMNTC course) This Institution does not offer an equivalent course.	3	
Genetics	GCD 3022 OR BIOL 4003 (UMNTC courses) This Institution does not offer an equivalent course.	3	
Microbiology with Laboratory	BIOL 2100 Microbiology	4	
Immunobiology	MLSP 5511 (offered Fall & Summer semesters only, at UMTC)	3	
Biomedical Laboratory Techniques*	MLSP 5311 (offered spring & summer semesters only, at UMTC)	4	
Education and Professional Issues (online)*	MLSP 5011W (offered spring & summer semesters only, at UMTC)	2	

* These courses are specific to the University of Minnesota, Twin Cities and cannot be substituted from another institution.