

PRE- MEDICAL LABORATORY SCIENCE

Offered by Health Science Programs (<http://catalog.unk.edu/undergraduate/departments-programs/health-science-programs/>)

The following three year pre-professional program is based on the requirements for admission to the Medical Laboratory Science Program in the School of Allied Health Professions at the University of Nebraska Medical Center. A minimum 77 semester credit hours of pre-medical laboratory science courses must be completed at UNK. The Medical Laboratory Science Program at UNMC is an 11 month program. Students will receive a Bachelor's Degree from UNMC upon completion of the clinical training.

While other medical laboratory science programs may be similar, the student is urged to contact the specific school of his or her choice to determine any suggested variations of this pre-professional schedule. Students must apply for positions in medical laboratory science programs and the competition is intense. Therefore admission is never guaranteed.

Code	Title	Credit Hours
Biological Sciences		
Take all of the following:		
BIOL 106	Biology II	4
BIOL 211	Human Microbiology	4
BIOL 401	Principles of Immunology	4
BIOL 360	Genetics	4
or BIOL 450	Advanced Molecular Biology	
Take one of the following options to satisfy prerequisite requirements:		4-8
Take both courses:		
BIOL 225	Anatomy and Physiology	
BIOL 226	Anatomy and Physiology	
OR take the following:		
BIOL 309	Cellular & Molecular Biology	
Chemistry		
CHEM 160 & 160L	General Chemistry and General Chemistry Laboratory	4
CHEM 161 & 161L	General Chemistry and General Chemistry Laboratory	4
Select one of the following:		5
CHEM 250 & 250L	Fundamentals of Organic Chemistry and Fundamentals of Organic Chemistry Lab	
or		
CHEM 360 & 360L	Organic Chemistry and Organic Chemistry Laboratory	
CHEM 351	Biochemistry I	4
Written Communication		
Take one of the following:		
ENG 101	Introduction to Academic Writing	3
or ENG 102	Special Topics in Academic Writing and Research	
Mathematics		
MATH 102	College Algebra	3

or STAT 241 Elementary Statistics

Suggested Electives

BIOL 325	Medical Terminology
CHEM 352 & 352L	Biochemistry II and Advanced Biochemistry Lab
HSCI 125B	Orientation to Clinical Lab Sciences
HSCI 225	Introduction to Hematology

Total Credit Hours 43-47