

BACHELOR OF SCIENCE IN MEDICAL LABORATORY SCIENCE ADVANCED PLACEMENT OPTION

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Advanced Placement Option -Medical Laboratory Science

The Advanced Placement Option in the Medical Laboratory Science program provides a pathway for ASCP certified Medical Laboratory Technicians (MLT) to become Medical Laboratory Scientists (MLS). The program is designed to meet the needs of the working medical laboratory technician so that they can pursue their degree while still employed as a laboratory professional and to address the growing local, regional and national shortage of medical laboratory scientists.

Applicants must meet the following criteria for acceptance into the program:

- Have graduated from a NAACLS accredited MLT/CLT program
- Have completed prerequisite course work in biology, chemistry, and mathematics and also meet Biology and Chemistry guidelines for eligibility for the ASCP MLS Certification examination.
- Be certified as a MLT(ASCP)
- Be employed in an accredited laboratory that is able to provide training in all required MLS disciplines.

Students may transfer courses from approved institutions with prior approval from the program director or department chairperson. Students may be granted experiential credit for a clinical course and, if so, will not be required to register for that course.

Outcome measures for the MLS Advanced Placement program over the past three years include: 86% graduation rate and a 100% placement rate.

Certification exam pass rates over the past three years are as follows:

Year	Number of students who took the exam	Number of students who passed the exam
2018	1	0
2019	1	1
2020	1	0

*3 year average pass rate 33%

The MLS Advanced Placement Option is accredited through the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS): 5600 N. River Rd. Suite 720 Rosemont, IL 60018-5119, Phone: 773.714.8880, www.naacls.org, info@naacls.org

COURSE	TITLE	S.H.
Writing		6
ENGL 1550	Writing 1	
ENGL 1551	Writing 2	
Speech		3
CMST 1545	Communication Foundations	

Math/Statistics		6
STAT 2625	Statistical Literacy and Critical Reasoning	
STAT 2601	Introductory Statistics	
Arts & Humanities (2 courses)		6
Social Sciences (2 courses)		6
SPA (2 courses)		6
Intro to Online		3
AHLT 1500	Introduction to Online Learning in Health Professions	
Major Courses		
MLS 4800	Advanced Clinical Chemistry	4
MLS 4800L	Advanced Clinical Chemistry Clinical Experience	2
MLS 4801	Advanced Hematology	4
MLS 4801L	Advanced Hematology Clinical Practice	3
MLS 4802	Advanced Immunohematology	4
MLS 4802L	Advanced Immunohematology Clinical Practice	3
MLS 4803	Advanced Microbiology	5
MLS 4803L	Advanced Microbiology Clinical Practice	3
MLS 4804	Miscellaneous Clinical Experience	4
MLS 4804L	Miscellaneous Clinical Practice	2
Science Requirements		
Biology (Must include A&P, Micro, Immunology)		16
Chemistry (Must include Organic or Biochemistry)		16