

BACHELOR OF SCIENCE IN APPLIED SCIENCE IN MEDICAL LABORATORY SCIENCE ADVANCED PLACEMENT OPTION

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; 100% graduation rate, 100% placement rate, 0% attrition, and 71% passage rate for those who took the MLS ASCP certification exam within one year of graduation from the program.

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	Stat Lit and Crit 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