

**POST-BACCALAUREATE CERTIFICATE IN MEDICAL LABORATORY SCIENCE****MICROBIOLOGY (CMLS-M) PROGRAM (25 credits)**

FALL SEMESTER		Hrs.
BLS 4411	FUNDAMENTALS OF IMMUNOLOGY	2
BLS 4510	MEDICAL MICROBIOLOGY	4
TOTAL		6

SPRING SEMESTER		Hrs.
BLS 4130	PRINCIPLES AND TECHNIQUES IN MOLECULAR BIOLOGY	1
MLS 3210	CLINICAL EDUCATION AND LAB MANAGEMENT	2
MLS 3400	LABORATORY OPERATIONS	1
BLS 4420	MEDICAL IMMUNOLOGY	2
MLS 4520	MEDICAL BACTERIOLOGY	2
MLS 4550	MEDICAL BACTERIOLOGY LAB	2
MLS 4541	MEDICAL MYCOLOGY & PARASITOLOGY	2
MLS 4571	MEDICAL MYCOLOGY & PARASITOLOGY LAB	1
TOTAL		13

SUMMER/FALL SEMESTER		Hrs.
MLS 4161	MOLECULAR BIOLOGY LAB	1
MLS 4640	ADVANCED TOPICS AND CASE CORRELATIONS - CLINICAL MICROBIOLOGY	1
MLS 4800	CLINICAL MICROBIOLOGY PRACTICUM	3
MLS 4811	CLINICAL MICROBIOLOGY	1
TOTAL		6

Practicum consists of: Microbiology - 6 weeks.