

**POST-BACCALAUREATE CERTIFICATE IN MEDICAL LABORATORY SCIENCE****HEMATOLOGY (CMLS-H) PROGRAM (25 credits)**

FALL SEMESTER		Hrs.
BLS 4210	HEMATOLOGY	4
MLS 4250	HEMATOLOGY LAB	1
BLS 4411	FUNDAMENTALS OF IMMUNOLOGY	2
TOTAL		7

SPRING SEMESTER		Hrs.
BLS 3110	URINALYSIS AND BODY FLUIDS	2
MLS 3150	URINALYSIS AND SEROLOGY LAB	1
BLS 4130	PRINCIPLES AND TECHNIQUES IN MOLECULAR BIOLOGY	1
BLS 4220	HEMOSTASIS AND THROMBOSIS	2
MLS 3210	CLINICAL EDUCATION AND LAB MANAGEMENT	2
MLS 3400	LABORATORY OPERATIONS	1
MLS 4161	MOLECULAR BIOLOGY LAB	1
BLS 4420	MEDICAL IMMUNOLOGY	2
TOTAL		12

SUMMER/FALL SEMESTER		Hrs.
MLS 4630	ADVANCED TOPICS AND CASE CORRELATIONS - CLINICAL HEMATOLOGY	1
MLS 4740	CLINICAL HEMATOLOGY PRACTICUM	2
MLS 4750	CLINICAL HEMATOLOGY	1
MLS 4760	CLINICAL HEMOSTASIS PRACTICUM	1
MLS 4821	CLINICAL URINALYSIS & PHLEBOTOMY PRACTICUM	1
TOTAL		6

Practicum consists of: Hematology - 3 weeks, Urinalysis & Phlebotomy - 1 week, Hemostasis - 1 week. **Total = 5 weeks.**