

# POST-BACCALAUREATE CERTIFICATE IN MEDICAL LABORATORY SCIENCE

In the post-baccalaureate certificate in medical laboratory science program, students complete required courses either on a full- or part-time basis. Courses in the major are designed to broaden the student's foundation in the sciences in preparation for the clinical phase of the program. All courses are taken online, with the exception of the four months of clinical practica. The clinical practica are usually taken on a full-time basis upon completion of didactic coursework. Students typically are in a clinical laboratory eight (daytime) hours per day, five days per week. Students must be able to fulfill the necessary time requirement for the practica.

Visit the program website (<https://bls.smhs.gwu.edu/programs/post-baccalaureate-certificate-programs/>) for additional program information.

## REQUIREMENTS

The following requirements must be fulfilled: 48 credits in required courses, including the practica.

Code	Title	Credits
<b>Required</b>		
MLS 4141	Immunology and Serology	
MLS 4145	Clinical Biochemistry I	
MLS 4146	Clinical Biochemistry II	
MLS 4116	Clinical Bacteriology I	
MLS 4117	Clinical Bacteriology II	
MLS 4119	Parasitology, Mycology, and Virology	
MLS 4130	Hematology I	
MLS 4131	Hematology II	
MLS 4158	Laboratory Management and Operations	
MLS 4150	Immunohematology	
MLS 4151	Molecular Diagnostics	
MLS 4159	Capstone Seminar	
<b>Practicum courses</b>		
MLS 4160	Blood Bank Practicum	
MLS 4161	Clinical Biochemistry Practicum	
MLS 4162	Hematology Practicum	
MLS 4164	Clinical Microbiology Practicum	

MLS 4165	Urinalysis Practicum
MLS 4166	Coagulation Practicum