

# POST-BACCALAUREATE CERTIFICATE IN HEMATOLOGY FOR MEDICAL LABORATORY SCIENCE

The online post-baccalaureate certificate in hematology for medical laboratory science is designed for students looking to be at the forefront of blood-related disease detection and treatment.

Students learn to collect and test blood and its elements, establish procedures vital to the processing of these blood samples, and use the latest biomedical instruments and molecular techniques to investigate and determine the causes of disease.

Completion of this certificate qualifies students to take the Technologist in Hematology (H) exam offered by national certifying agencies. Students who complete this certificate program learn to:

- Apply principles of traditional and molecular laboratory procedures to perform diagnostic analyses.
- Correlate laboratory and quality control data to assess patient test results.
- Apply knowledge of laboratory science principles as they relate to human disease diagnosis.
- Maintain a safe work environment.
- Comply with laboratory safety regulations and regulatory policies.
- Apply ethical decision making to issues related to clinical laboratory practice.

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: 18 credits in required courses.

Code	Title	Credits
<b>Required</b>		
MLS 4130	Hematology I	
MLS 4131	Hematology II	
MLS 4141	Immunology and Serology	
MLS 4151	Molecular Diagnostics	
MLS 4158	Laboratory Management and Operations	
MLS 4162	Hematology Practicum	
MLS 4166	Coagulation Practicum	