

# POST-BACCALAUREATE CERTIFICATE IN BLOOD BANKING FOR MEDICAL LABORATORY SCIENCE

The online post-baccalaureate certificate in blood banking for medical laboratory science is designed to teach students the ins and outs of testing, storing, and transporting blood for transfusions. Students learn how to test blood for viruses, identify blood types and antibodies, and separate blood into its component parts, such as red and white blood cells and plasma. This certificate can be completed in as little as one year and allows students to qualify to sit for the ASCP Technologist in Blood Banking (BB) exam\*.

Upon completion of the certificate program, students are able to:

- Apply principles of traditional and molecular laboratory procedures to perform diagnostic analyses
- Correlate laboratory data 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

Students complete required courses on either 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 taught online, except for the clinical practicum. The clinical practicum usually is taken on a full-time basis upon completion of didactic coursework. Students typically are in a clinical laboratory eight hours per day (daytime hours), five days per week. Students must be able to fulfill the necessary time requirement for the practicum\*\*.

Visit the program website (<https://healthsciencesprograms.gwu.edu/programs/post-baccalaureate-certificate-in-blood-banking-for-medical-laboratory-science-online/>) for additional information.

\*Completion of the certificate qualifies graduates to take the Technologist in Blood Banking examination offered by national certifying agencies.

\*\*Clinical rotations, each between one to four weeks duration, are completed at an approved clinical site.

## ADMISSIONS

To be accepted to this program, you must have:

2.5 GPA or above on a 4.0 scale

Completed coursework - All required courses must be completed with a C grade (C- grades and lower do not transfer) or better at a regionally accredited institution of higher learning: 3 credits English Composition, 3 credits College Algebra, Statistics (or higher), combination of 30 semester hours of Biology and Chemistry coursework. \*Please be prepared to provide unofficial transcripts to determine program admissibility.

**Statement of purpose:** Applicants must include a 250-500 word essay describing your reasons for undertaking study at GW, your academic objectives, career goals and related qualifications, including collegiate, professional, and community activities, relevant to your program of interest. Include any substantial accomplishments not already mentioned on the application form.

**Recommendations:** One (1) letter of recommendation required:

**Prior academic records:** Official transcripts from every college and university attended. All non-U.S. transcripts (including those in English) must be evaluated by an accredited foreign credential agency. Please find the list of member organizations here: <https://www.naces.org/members/>

**International Students** Applicants who are not U.S. citizens are also required to submit official test scores for Test of English as a Foreign Language (TOEFL) or Pearson's Test of English (PTE) Academics or the academic International English Language Test System (IELTS). The following are the minimum scores for admission consideration: TOEFL: 250 computer-based or 100 Internet-based GW's school code for the TOEFL is 5246. PTE: overall score of 86 IELTS: overall band score of 7.0, with no individual band score below 6.0 International applicants may be considered for admission without submitting the above scores if: You are a citizen of a country where English is the official language, You hold a bachelor's degree from a country where English is the official language and language of instruction, You hold a bachelor's degree from an institution accredited by a U.S. regional accrediting agency.

**Additional requirements:** Students who live outside of the Washington DC Metro Area are required to secure a satisfactory clinical site at the time of admission.

Successful completion of a criminal background check and a drug screen through Certiphi Screening, a third-party vendor, are required of all admitted clinical students in their first semester. Students are responsible for fees associated with these screens.

# REQUIREMENTS

<b>Code</b>	<b>Title</b>	<b>Credits</b>
<b>Required</b>		
MLS 4141	Immunology and Serology	
MLS 4158	Laboratory Management and Operations	
MLS 4150	Immunohematology	
MLS 4151	Molecular Diagnostics	
MLS 4160	Blood Bank Practicum	