The online post-baccalaureate certificate in blood banking for medical laboratory science is designed to teach you the ins and outs of testing, storing and transporting blood for transfusions. You’ll 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 you to qualify to sit for the ASCP Technologist in Blood Banking (BB) exam.*

When you complete this certificate program, you’ll be 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 either on a part-time or full-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, with the exception of the clinical practicum. The clinical practicum usually is taken on a full-time basis upon completion of didactic coursework. Students are typically 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 program information.

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

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

**ADMISSIONS**

To be accepted to this program, you must have:

- A bachelor’s degree
- 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.
- Recommendation required: One (1) letter of recommendation
- 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

The following requirements must be fulfilled: 16 credits in required courses, including the clinical practicum.

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>Required</td>
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<tr>
<td>MLS 4141</td>
<td>Immunology and Serology</td>
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<td>MLS 4158</td>
<td>Laboratory Management and Operations</td>
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<td>MLS 4160</td>
<td>Blood Bank Practicum</td>
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