

MASTER OF SCIENCE IN HEALTH SCIENCES IN THE FIELD OF LABORATORY MEDICINE (STEM)

Medical laboratory sciences is a challenging and rewarding healthcare profession with a great impact on patient care. Working in a variety of settings, medical laboratory scientists are essential members of the health care team who provide vital information about the status and function of the body and its systems. The data obtained by medical laboratory scientists is utilized in the diagnosis, treatment, and prevention of disease.

The master's degree in laboratory medicine is designed for individuals who have a baccalaureate degree in any field, plus the specific prerequisite courses, and who want to become certified as a medical laboratory scientist.

This is a STEM designated program.

Visit the program website (<https://smhs.gwu.edu/bulletin/smhs/graduate-programs/mshs-laboratory-medicine/>) for additional information.

ADMISSIONS

Admissions Fall - July 20

Deadlines:

Spring - December 1

Summer - March 20

The application and all supporting documentation (fees, statement of purpose, letters of recommendation, transcripts) must be received by the deadline in order for the application to be reviewed.

Standardized Test Scores: Not required

Recommendations:

Two (2) recommendations required:

Prior Academic Records: Transcripts required from all colleges and universities attended, whether or not credit was earned, the program was completed, or the credit appears as transfer credit on another transcript. Transcripts must be forwarded in their original sealed envelopes.

If academic records are in a language other than English, a certified English language translation must be provided in addition to the original transcripts; translations alone will not be accepted.

Official transcripts from institutions outside the U.S. must be accompanied by an official transcript evaluation from an accredited independent evaluating agency. Please be sure you request a detailed evaluation that includes all course titles, credit hours, grades, U.S. degree equivalency, grade-point averages (GPA), and date of degree conferral. For a list of acceptable foreign credential evaluation services, please click here (<https://www.naces.org/members>).

Statement of Purpose: In an essay of 250 to 500 words, describe your reasons for undertaking study in the Health Sciences at The George Washington University. You should state your academic objectives, career plans, and related qualifications, including collegiate, professional, and community activities, as well as any other substantial accomplishments not already mentioned on the application form.

Degree and GPA Requirements: A bachelor's degree from a regionally accredited college or university.

3.0 GPA or above on a 4.0 scale

Prerequisites: 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

3 credits of college mathematics (algebra, statistics, or higher)

8 credits of general biology with hands-on lab

8 credits general or inorganic chemistry with hands-on lab

4 credits microbiology with hands-on lab

3 credits organic or biochemistry

Please be prepared to provide unofficial transcripts to determine program admissibility.

Additional Requirements: Resume/CV

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.

International Applicants: This program is not visa eligible. Permanent residents or those with a valid visa (e.g., work) may apply to perform their rotation in the US. International students may apply without a visa if they have an approved clinical site in their geographic region.

Official transcripts from institutions outside the U.S. must be accompanied by an official transcript evaluation from an accredited independent evaluating agency. Please be sure you request a detailed evaluation that includes all course titles, credit hours, grades, U.S. degree equivalency, grade-point averages (GPA), and date of degree conferral. For a list of acceptable foreign credential evaluation services, please click here (<https://www.naces.org/members.php>).

Applicants who are not U.S. citizens are required to submit official test scores for either Test of English as a Foreign Language (TOEFL) or#Pearsons#Test of English (PTE), Academic the academic International English Language Testing System (IELTS) or the Duolingo English Test (DET). The following are the minimum scores for admission consideration:#TOEFL: 250 computer-based or 100 Internet-based, PTE: overall score of 68, IELTS: an overall band score of 7.0, with no individual band score below 6.0, or DET overall score of 120.

International applicants who meet the following conditions may be considered for admission without submitting TOEFL, PTE or IELTS or DET scores:#They are a citizen of countries where English is the official language (as identified by GW ISO list of Exempt countries) OR; They hold at least a#bachelor#degree from a country where English is the official language as well as language of instruction OR; They hold at least a#bachelor#degree from an institution accredited by a U.S. regional accrediting agency.

Supporting documents not submitted online should be mailed to:

George Washington University
 ATTN: Transcript Processing Center
 1415 W 22nd St.
 Suite 220
 Oak Brook, IL 60523

Alternatively, official electronic transcripts can be sent to transcripts@hsprograms.gwu.edu.

Contact for questions:

hsphora@gwu.edu
 202-994-0384 (phone)
 202-994-0870 (fax)
 Hours: 9 am to 5 pm, Monday through Friday

REQUIREMENTS

Code	Title	Credits
Required		
MLS 6116	Advanced Clinical Bacteriology I	
MLS 6117	Advanced Clinical Bacteriology II	
MLS 6119	Advanced Parasitology, Mycology, and Virology	
MLS 6130	Advanced Hematology I	
MLS 6131	Advanced Hematology II	
MLS 6141	Advanced Immunology and Serology	
MLS 6145	Advanced Clinical Biochemistry I	
MLS 6146	Advanced Clinical Biochemistry II	
MLS 6150	Advanced Immunohematology	
MLS 6151	Advanced Molecular Diagnostics	
MLS 6158	Advanced Laboratory Management and Operations	
Practicum		
MLS 6247	Advanced Clinical Biochemistry Practicum	
MLS 6248	Advanced Blood Bank Practicum	
MLS 6249	Advanced Coagulation Practicum	
MLS 6250	Advanced Hematology Practicum	
MLS 6251	Advanced Clinical Microbiology Practicum	
MLS 6252	Advanced Urinalysis Practicum	
Research		
HSCI 6263	Biostatistics Translational Research	
MLS 6244	Research Ethics and Integrity	
MLS 6245	Current Topics in Medical Laboratory Science	
MLS 6246	Capstone Project	