

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: International students should check with individual programs regarding eligibility for visa sponsorship. Generally, online and hybrid programs are not eligible for student visa sponsorship from GW. This includes transfer students from any other institution with an existing visa.

Applicants who have not completed a post-secondary degree from an institution where English is the sole language of instruction must submit TOEFL, IELTS, PTE Academic, or the Duolingo English Test scores to be considered for admission. The following are the minimum scores for admission consideration:

- Academic IELTS: An overall band score of 7.0, with no individual band score below 6.0.

- TOEFL: 600 paper-based or 100 internet-based.

- PTE: Overall score of 68

- DET: Overall score of 120

Undergraduate applicants who meet one of the following conditions can be considered for admission without submitting TOEFL, PTE or IELTS or DET scores:

Scores cannot be more than two years old. To ensure TOEFL scores are sent to GW, use institutional code 5246. An institutional code is not required to send IELTS or PTE scores to GW. DET scores must be submitted via the Duolingo English Test system directly to GW.

Based on their application and the results of the English proficiency examination students can be required to take English for Academic Purposes (EAP) during their first year of study at GW. GW evaluates each application holistically and applicants can be recommended for EAP even if they meet the requirements for exemption. Students placed in EAP courses should anticipate additional tuition expenses as well as possible extension of time needed to complete their degree programs.

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

Documents can be submitted electronically
to: transcripts@hsprograms.gwu.edu.

Contact for questions:

hsphora@gwu.edu
202-994-0384 (phone)
Hours: 9:00 am to 5:00 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