

# MASTER OF SCIENCE IN HEALTH SCIENCES IN THE FIELD OF CLINICAL MICROBIOLOGY

The online master of science in health sciences in the field of clinical microbiology program provides students with clinical microbiology and laboratory science coursework as well as a hands-on microbiology practicum that prepares students for a diagnostic microbiology laboratory position and provides eligibility for national certification examinations in clinical microbiology. The program also includes additional graduate coursework to prepare students for careers in research institutions, public health laboratories, biotechnology firms, pharmaceutical companies, or governmental agencies.

Visit the program website (<https://healthsciencesprograms.gwu.edu/programs/mshs-in-clinical-microbiology-online/>) for additional program information.

## ADMISSIONS

Admissions Fall - July

Deadlines:

Spring - November

Summer - March

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 Not required

Test Scores:

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 follow this link: <https://www.naces.org/members> (<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: A bachelor's degree from a regionally accredited college or university

Requirements:

Overall undergraduate GPA of 3.0 or higher

Prerequisite courses: College-level Mathematics (Algebra or higher - 3 credits); English Composition (3 credits); and

Students must have completed a combination of 30 semester hours or 45 quarter hours of biological, chemical and/or medical science courses with a grade of C or higher that include the following courses: General or Inorganic Chemistry I and II - both courses must include a "hands-on" laboratory (8 credits); General Biology I and II - both courses must include a "hands-on" laboratory (8 credits); General Microbiology - must include a "hands-on" laboratory (4 credits)

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.

PLEASE NOTE that the Health Sciences programs require the following minimum English language test scores for admission:

- Academic IETLS: an overall band score of 7.0 with no individual band score below 6.0; or

- TOEFL: 600 on paper-based or 100 on Internet-based; or

- Academic PTE: 68

**Supporting documents not submitted online should be mailed to:**

George Washington University  
ATTN: Transcript Processing Center  
8300 Norman Center Dr  
Suite 400  
Bloomington, MN 55437

Alternatively, official electronic transcripts can be sent to [transcripts@hsprograms.gwu.edu](mailto:transcripts@hsprograms.gwu.edu).

**Contact for questions:**

[hsphora@gwu.edu](mailto:hsphora@gwu.edu)  
202-994-0384 (phone)  
202-994-0870 (fax)

Hours: 9 am to 5 pm, Monday through Friday

## REQUIREMENTS

The following requirements must be fulfilled: 36 credits in required courses.

<b>Code</b>	<b>Title</b>	<b>Credits</b>
<b>Required</b>		
HSCI 6263	Biostatistics Translational Research	
MLS 6116	Advanced Clinical Bacteriology I	
MLS 6117	Advanced Clinical Bacteriology II	
MLS 6119	Advanced Parasitology, Mycology, and Virology	
MLS 6141	Advanced Immunology and Serology	
MLS 6151	Advanced Molecular Diagnostics	
MLS 6158	Advanced Laboratory Management and Operations	
MLS 6216	Microbial Pathogenesis	
MLS 6217	Medical Biotechnology	
MLS 6244	Research Ethics and Integrity	
MLS 6251	Advanced Clinical Microbiology Practicum	
<b>Electives</b>		
6 credits in HSCI or MLS courses selected in consultation with the advisor.		