The master of science in health sciences in the field of translational microbiology program, offered in a distance learning format, prepares students with the theoretical knowledge and practical skills for research positions in public health microbiology laboratories, biotechnology companies, government agencies, and research institutes. This program is ideal for students who already have microbiology or medical laboratory sciences (MLS) certification, or for individuals who do not have an interest in becoming certified microbiologists.

Visit the program website (https://smhs.gwu.edu/medical-laboratory-sciences/programs/mshs/curriculum/translational-microbiology/) for additional program information.

ADMISSIONS

Admissions Deadlines:
- Fall - June 15
- Spring - October 15
- Summer - March 1

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 required: Two (2) recommendations

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. Please see the list of acceptable foreign credential evaluation services here (http://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:
Prerequisite courses: chemistry - 16 credits (including biochemistry or organic), biology - 16 credits (including microbiology), and college algebra or higher - 3 credits.
International Applicants: Please review International Applicant Information (http://graduate.admissions.gwu.edu/international-applicants/) carefully for details on required documents and English language requirements.

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

- Academic IELTS: an overall band score of 7.0 with no individual band score below 6.0; or
- TOEFL: 600 on paper-based, 250 on computer-based, or 100 on Internet-based; or
- Academic PTE: 68

Supporting Documents not Submitted Online should be Mailed to:
Office of Admissions
Health Sciences Programs
The George Washington University
2100 Pennsylvania Avenue, NW
Suite 300
Washington, DC 20037

Contact for Questions:
hsphora@gwu.edu ~ (202) 994-8528
202-994-0870 (fax)
9:00am - 5:00pm, Monday through Friday

REQUIREMENTS
The following requirements must be fulfilled: 36 credits, including 30 credits in required courses and 6 credits in elective courses.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLS 6246</td>
<td>Capstone Project</td>
<td></td>
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<tr>
<td></td>
<td>Strategic leadership courses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>One course from the following two options:</td>
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<tr>
<td>MLS 6158</td>
<td>Advanced Laboratory Management and Operations</td>
<td></td>
</tr>
<tr>
<td>MLS 6159</td>
<td>Leadership in Laboratory Medicine</td>
<td></td>
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<tr>
<td></td>
<td>Graduate research courses</td>
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<tr>
<td>HSCI 6263</td>
<td>Biostatistics Translational Research</td>
<td></td>
</tr>
<tr>
<td>MLS 6216</td>
<td>Microbial Pathogenesis</td>
<td></td>
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<tr>
<td>MLS 6132</td>
<td>Molecular Epidemiology</td>
<td></td>
</tr>
<tr>
<td>MLS 6160</td>
<td>Data Analytics and Research Methods in Laboratory Medicine</td>
<td></td>
</tr>
</tbody>
</table>

Electives
6 credits in elective courses in Medical Laboratory Science (MLS) selected with the approval of program director.