MASTER OF SCIENCE IN HEALTH SCIENCES IN THE FIELD OF TRANSLATIONAL MICROBIOLOGY

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.

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>
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<tr>
<td>Required</td>
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<tr>
<td>MLS 6115 Advanced Clinical Parasitology and Mycology</td>
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<td>MLS 6216 Microbial Pathogenesis</td>
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<td>MLS 6217 Medical Biotechnology</td>
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<td>MLS 6244 Research Ethics and Integrity</td>
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<td>MLS 6245 Current Topics in Medical Laboratory Science</td>
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<td>MLS 6246 Capstone Project</td>
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<tr>
<td>HSCI 6263 Biostatistics Translational Research</td>
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<td>HSCI 6264 Epidemiology Translational Research</td>
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<tr>
<td>HSCI 6270 Research Methods for the Health Professions I</td>
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<tr>
<td>HSCI 6271 Research Methods for the Health Professions II</td>
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<td>One of the following</td>
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<tr>
<td>HSCI 6241 The Health Care Enterprise</td>
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<td>HSCI 6223 Topics in Health Care Leadership</td>
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<td>HSCI 6240 Issues and Trends in the Health Care System</td>
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Electives

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