

# MASTER OF SCIENCE IN HEALTH SCIENCES IN THE FIELD OF IMMUNOHEMATOLOGY

**Please note:** The Immunohematology program is open to military contract students only.

The master's program in immunohematology is designed for clinical laboratory scientists currently enrolled in specialist in blood banking technology programs accredited by the Commission on Accreditation of Allied Health Education Programs or who have been certified as a specialist in blood banking within the last seven years. The program incorporates aspects of blood transfusion medicine at the graduate level with research methods, current topics in transfusion medicine, immunology, biochemistry, and research in the area of immunohematology. The goal of the Immunohematology program is to prepare individuals who will be competitive for careers in management, research, and education in immunohematology.

Students take 22 hours of online courses through the health sciences programs at George Washington University. The program culminates in a research project.

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

## ADMISSIONS

**This is a military contract program and only open to service members selected for the Specialized Blood Bankers program at Walter Reed Military Hospital.**

An undergraduate degree in a chemistry/biological science from an accredited college or university, certification as a Medical Technologist by the American Society of Clinical Pathologists, MT(ASCP), or other recognized national certifying body and/or previous clinical laboratory experience are required for admission.

Please visit the program website (<https://smhs.gwu.edu/military-affiliated-programs/immunohematology/>) for more details.

## REQUIREMENTS

| Code             | Title   | Credits |
|------------------|---|---------|
| <b>Required:</b> |   |         |
| HSCI 6263        | Biostatistics Translational Research                            |         |
| HSCI 6297        | Independent Study for Health Professionals (taken for 1 credit) |         |
| MLS 6141         | Advanced Immunology and Serology                                |         |
| MLS 6151         | Advanced Molecular Diagnostics                                  |         |

|          |   |
|----------|---|
| MLS 6158 | Advanced Laboratory Management and Operations |
| MLS 6203 | Clinical Immunohematology I                   |
| MLS 6204 | Clinical Immunohematology II                  |
| MLS 6207 | Clinical Practicum: Blood Banking I           |
| MLS 6208 | Clinical Practicum: Blood Banking II          |
| MLS 6209 | Clinical Pract:Blood BankingIII               |
| MLS 6211 | Hematopoiesis &Blood Pathophys                |
| MLS 6212 | Organization and Management of Blood Banks    |
| MLS 6213 | Seminar in Immunohematology                   |
| MLS 6214 | Specialized Practicum                         |
| MLS 6245 | Current Topics in Medical Laboratory Science  |
| MLS 6246 | Capstone Project                              |