

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 The George Washington University. The program culminates in a research project.

Visit the program website (<https://smhs.gwu.edu/military-affiliated-programs/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.

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REQUIREMENTS

The following requirements must be fulfilled: 55 credits in required courses.

Code	Title	Credits
Required:		
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 Banking III
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