Georgetown University – Master of Science in Biohazardous Threat Agents and Emerging Infectious Diseases

Georgetown University, Graduate School of Arts & Sciences, Department of Microbiology & Immunology offers a Master of Science degree in Biohazardous Threat Agents and Emerging Infectious Diseases. This unique M.S. program aims to broaden the student’s knowledge about prevention, detection, and response to chemical, biological, and radiological threat agents as well as emerging infectious diseases. The program is designed for students seeking positions in government, private, and defense industry where knowledge of biological and chemical weapons of mass destruction are vital in preventing a potential terrorist attack in response to a terrorist event. Students that enroll in the program must complete 30 credit hours.

Fall Semester Required Courses:
MICB – 515 Microbiology of Biological Threat Agents and Emerging Infectious Diseases [3]
Can choose to take one or both of the following courses:
MICB – 517 Bioterrorism [3]

Spring Semester Required Courses:
MICB – 520 Agroterrorism [3]

Fall Semester Electives:
CBTA - 515 Microbiology of Biological Threat Agents & Emerging Infectious Diseases [3] (Online)
MICB - 590 Animal Health [2]
CBTA - 595 Community Resilience [3] (Online)
MICB - 614 Bacteriology and Mycology [3]
MICB - 800 Seminar: Global Infectious Diseases [2]
MICB - 852 Seminar in Microbiology and Immunology Fall [1]

Spring Semester Electives:
CBTA - 517 Bioterrorism [3] (Online)
CBTA - 525 Homeland Security [3] (Online)
CBTA - 566 Preparedness, Response, and Capacity to CBRNE Threats [3] (Online)
MICB - 516 Biological & Radiological Safety [2]
MICB - 524 Emerging Infectious Diseases: The Past as Prologue [2]
MICB - 526 Chemical Threat Agents [3]
MICB - 550 Pathogenesis & Therapy of Bioterror-Related Diseases [2]
MICB - 560 Principles and Applications of Drug Discovery [2]
MICB - 601 Seminar in Biomedical Science Policy [2]
MICB - 619 Biology & Biochemistry of Viruses [3]
MICB - 629 Mechanism of Microbial Pathogenesis [3]
MICB - 703 Advance Regulatory Science and Public Health [2]
MICB - 708 Immunogenetics in Health & Disease [2]
MICB - 801 Seminar: Global Infectious Diseases [2]
MICB - 853 Seminar in Microbiology and Immunology Spring [1]

Note: This curriculum assumes that a student is pursuing the degree Full-Time. The Part-Time option is also available, in which case the curriculum will be distributed over a longer period of study determined by the student and not exceeding 3 years.

Georgetown University is accredited by the Middle States Association of Colleges and Schools and the Commission on Higher Education.

For more information contact:

Judie Kuo
Program Coordinator
Georgetown University Medical Center
3900 Reservoir Road, N.W., Medical-Dental Building, Room SW 311
Washington D.C. 20057
(202) 687-3422
jbarbera@gwu.edu

Leonard Rosenthal
Program Director
Georgetown University Medical Center
3900 Reservoir Road, N.W., Medical-Dental Building, Room NE 315
Washington D.C. 20057
(202) 687-1140
rosenthl@georgetown.edu

For additional information:
https://biohaz.georgetown.edu/

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“Please note: Some of the Web sites linked to in this document are not federal government Web sites, and may not necessarily operate under the same laws, regulations, and policies as federal Web sites.”