

MICROBIOLOGY & IMMUNOLOGY (MS)

Contacts

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Campus: Center City

Program Website (<https://www.jefferson.edu/academics/colleges-schools-institutes/life-sciences/degrees-programs/master-programs/microbiology.html>)

Program Description

The MS in Microbiology & Immunology Program offers choices for career specialization with flexible schedules, professional training for academic credit and academic preparation for national professional certification.

Learning Goals & Outcomes

The broad-based curriculum includes a minimum of 40 credits. Course content includes:

- The biology of microorganisms
- Immunology
- Epidemiology
- Pathology
- Biostatistics
- Management
- Clerkship
- Master's research thesis or, alternatively, a Non-Thesis Option

Curriculum: 2 Year, 40 Credits

Code	Title	Credits
Core Curriculum		
MI 505	Microbiology Biochemistry	3
MI 521	Intro to Immunology	2
MI 580	Principles-Epidemiology	3
MI 582	Diagnostic Microbiol	3
GC 640	Research Ethics	1
GC 660	Statistical Methods	3
CB 570	Pathologic Asp of Disease	3
MI 870	Research - MSMI	1-6
MI 880	Master's Research-MI	1-6
MI 890	Research - MSMI	1-6
Management Curriculum		
GC 510	Database Design & Mgmt	2
GC 525	Information Systems Management	3
GC 600	Managerial and Teamwork Skills	3
GC 605	Performance Improvement	2
GC 610	Strategic Management	2
GC 617	ManagPharm DrugDevelopProjects	2
GC 620	Fund of Fin Mgmt.	3
GC 621	Biotechnology Venture Mgmt	2

Code	Title	Credits
GC 635	Intro to Clin Trials Mgmt	2
GC 636	PrinCarMgmt-DiverseBMCareers	2
Designated Electives		10-12
Total Credits		54-71