Program curriculum

Fall semester core courses:  
Medical Microbiology*  
Medical Immunology*  
Microbiology Lab  
Seminar in Microbiology  
Graduate Journal Club  

Spring semester core courses:  
Seminar in Microbiology  
Responsible Conduct of Biomedical Research  
Topics in Microbiology  

Additional Elective Courses:  
Advanced Virology  
Vaccine Biology  
Medical Mycology  
Medical Parasitology  
Human Medical Cellular Biochemistry*  
Metabolic Biochemistry of Human Disease*  
Basic Research Methods  
Advanced Research Methods and Data Mining  
Advanced Immunology  
Clinical Cases and Underlying Mechanisms  
Thesis Research Design  
Scientific writing  
Master's thesis  
Research  

*crosslisted with Masters in Biochemistry program  
Anatomy & Histology (uptown campus, with undergraduate students)
This one-year post baccalaureate program leading to the degree of Master of Biomedical Science in Microbiology and Immunology has been designed to prepare students for careers in the health sciences, and to provide a more in-depth educational experience to improve the opportunity of an individual being admitted to a postgraduate professional school such as medical or dental school, or Ph.D. programs. Class size is limited to 20 students. All courses are taught within the Tulane School of Medicine by full time faculty.

Program Calendar
This is a full-time, one-year program. Classes will start late August, 2022 and end by mid-May, 2023.

Admission Requirements
Applicants must meet the following requirements: successful completion of the requirements for a baccalaureate degree including basic work in biology and chemistry; Competitive scores for admissions should be a GPA of $\geq 3.0$ (on a 4.0 scale); While we don’t require standardized test scores (MCAT, DAT, or GRE a.o) any longer for applying to our program, we do encourage applicants to upload them into the system. Applicants without test scores might be contacted for a brief interview via Zoom.

International students must also have official TOEFL ($\geq 87$) or IELTS ($\geq 7.0$) scores sent, and all application materials must be in English. Applicants whose highest degree is from a foreign university must have their credentials evaluated. The university will accept evaluations done by any credentialing agency listed on the National Association of Credential Evaluation Services web site (http://www.naces.org).

Degree Requirements
Students must either take a total of 26 credit hours of course work, and complete the requirements for a thesis (4 credits for thesis-relevant courses), which will be based on library research (review paper), or enroll in a “non-thesis” track of 30 credit hours. At least a "B" average (3.0 GPA) needs to be achieved in order to graduate.

Application Process
The application for admission to the Master of Science degree program in Microbiology and Immunology should be submitted to the Graduate Program in Biomedical Sciences through the following website: https://applygrad.tulane.edu/apply/. The deadline for submission of completed applications is August 12, 2022. Applications will be reviewed as they are received and applicants will be admitted on a competitive basis.

Tuition
Full-time tuition is $24,900 to be paid on a two semester basis. No tuition waivers are available for this program. Students will also be charged the following estimated fees per semester: Academic Support Services ($400), Student Activities ($120), Reily Recreation Center ($200), and Student Health Services ($345).

Financial Aid
Federal financial aid is only available for Master's students who are U.S. citizens or permanent residents. We do not offer stipends for this program. More information is available through the following website: http://medicine.tulane.edu/education/biomedical-sciences-graduate-program/financial-aid

Contact us
Questions? Give us a call, email us or visit our website: https://medicine.tulane.edu/departments/microbiology-immunology/masters

Department of Microbiology and Immunology
Kerstin Höner zu Bentrup, PhD
Program Director
1430 Tulane Ave, 8638
New Orleans, LA 70112
Phone: (504) 988-4609
Fax: (504) 988-5144
E-mail: MIIM_MS@tulane.edu