Program curriculum

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

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

Additional Elective Courses:
- Basic Research Methods
- Advanced Research Methods and Data Mining
- Medical Mycology
- Medical Parasitology
- Advanced Virology
- Dynamics of immunologic and microbial interactions
- Clinical Cases and Underlying Mechanisms
- Master’s thesis
- Master’s research
- Thesis Research Design
- Human Medical Cellular Biochemistry*
- Metabolic Biochemistry of Human Disease*

*crosslisted with Masters in Biochemistry program

Department of Microbiology and Immunology

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Tulane University
School of Medicine

Master of science in Microbiology and Immunology
Degree program

Tulane University
School of Medicine
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, 2019 and end by May, 2020.

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 ≥3.0 (on a 4.0 scale), and either a cumulative MCAT score of 27 (old MCAT)/504 (new MCAT) or higher, an average DAT score of 18 or higher, or a GRE score of ≥300; ETS code 6178). PCATs are also accepted.

International students must also have official TOEFL (≥87) or IELTS (≥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 10, 2019. 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 ($180), and Student Health Services ($320).

Financial Aid
Federal financial aid is available for Master's students who are U.S. citizens or permanent residents only. More information is available through the following websites http://www2.tulane.edu/financialaid/ or http://medicine.tulane.edu/education/biomedical-sciences-graduate-program/financial-aid

Contact us
Questions? Give us a call, email us or visit our website: http://medicine.tulane.edu/Departments/microbiology-immunology/academic-programs/masters

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