PhD in Microbiology and Immunology

Admission Requirements
In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate Field** No restrictions. Applicants must have a solid background in biological, inorganic, and organic chemistry, and preferably at least one year of physics and mathematics.
- **Other Requirements** At least 2.75/4.00 for the final 60 semester hours (90 quarter hours) of undergraduate study. Preference is given to those applicants who have a GPA greater than 3.00.
- **Tests Required** GRE General. This test should be taken prior to submission of the formal application. Preference is given to applicants with a combined verbal and quantitative score above 310, and analytical writing above 4.0.
- **Minimum English Competency Test Score**
  - TOEFL The TOEFL score cannot be more than two years old. UIC’s Institutional Code is 1851.80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (iBT Internet-based); 60, with subscores of Reading 19, Listening 17, Writing 21 (New Paper-Based—after August 2018); 550 (Institutional Testing Paper-Based—prior to August 2018), OR,
  - IELTS 6.5, with subscores of 6.0 for all four subscores, OR,
  - PTE-Academic 54, with subscores of Reading 51, Listening 47, Speaking 53, and Writing 56.
- **Letters of Recommendation** Required.
- **Personal Statement** Required.
- **Other Requirements** Preference is given to applicants with a documented record of research accomplishment who intend to complete the doctoral program.

Degree Requirements

Master of Science
- **Minimum Semester Hours Required** 34.
- **Course Work**

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Students must also take or show proficiency in:
- GEMS 504 Research Methods I
- GEMS 505 Research Methods II
- GEMS 510 Integrative Biology
- GEMS 511 Molecular Genetics

- **Comprehensive Examination** None.
- **Thesis, Project, or Course-Work-Only Options**

Degree Requirements

Doctor of Philosophy
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

- **Minimum Semester Hours Required** 96 from the baccalaureate.
- **Course Work**

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Students must also take or show proficiency in:
- GEMS 504 Research Methods I
- GEMS 505 Research Methods II
- GEMS 510 Integrative Biology
- GEMS 511 Molecular Genetics

- **Preliminary Examination** Required.
- **Dissertation** Required. Students must earn at least 52 hours in MIM 599.
- **Other Requirements** During the second year of graduate study, students must conduct a satisfactory oral defense of a written research proposal on their thesis subject. All graduate students, regardless of their means of financial support, must participate in the teaching programs of the department for one semester of each academic year. This requirement includes experiences in laboratory instruction, lecturing, and audiovisual presentations.

Medical Scientist Training Program
Students with an MD degree earned in the United States or who are working toward one at UIC may use medical science courses to fulfill the 500-level course requirements. Such students must take 1 hour of MIM 594; 6 semester hours of MIM 595; and 59 semester hours of MIM 599. Other courses required will be determined by the graduate committee based on the student’s area of interest.