IMMUNOLOGY & MICROBIOLOGY (MIMS)

MIMS 6062 - Introduction to Science Communication (1 Credit)
This introductory course in science communication is designed to introduce the skills to effectively convey complex scientific concepts to diverse audiences, including the public, policymakers, and fellow scientists from different fields. Through a combination of brief lectures, in-class activities and practical assignments, students will learn key principles of clear and accurate scientific communication, the ethics of public science discourse, and strategies for engaging written, media and digital platforms. Emphasis is placed on adapting messages for different target audiences, crafting compelling narratives, and developing visual aids. By the end of the course, students will be prepared to communicate their research effectively across a range of platforms.
Grading Basis: Letter Grade
Typically Offered: Spring.

MIMS 6063 - Scientific Literature Analysis (1 Credit)
This course for Immunology and Microbiology Masters students will instruct in how to think critically about scientific literature with particular emphasis on how data is presented used to construct scientific arguments. Students will have practice both analyzing existing literature and scientific presentations, as well as presenting their own work.
Grading Basis: Letter Grade
Typically Offered: Fall, Spring, Summer.

MIMS 6064 - Scientific Writing (1 Credit)
Designed for Immunology and Microbiology Master's students, this course will instruct in approaches for writing scientific manuscripts. Students will learn about the structure and format of formal scientific writing such as journal articles and theses, as well as how to use their writing to effectively present their data in clear and compelling arguments and narratives. Through the exercises and instruction in this course students will begin to write components that can be used for their own theses while receiving critical feedback from the instructors and their peers.
Grading Basis: Letter Grade with IP
Typically Offered: Fall, Spring, Summer.

MIMS 6070 - Mini-Research Rotations (1-3 Credits)
The course MIMS 6070, Mini-Research Rotations, will allow graduate students to learn in three different laboratories about research in immunology and microbiology.
Grading Basis: Letter Grade with IP
Typically Offered: Fall, Spring, Summer.

MIMS 6071 - Introduction to R Programming for Immunologists and Microbiologists (1 Credit)
Introduction to the R programming language geared towards Immunology and Microbiology students with no prior programming experience. This course will provide instruction in R language syntax, data structures and visualization techniques.
Grading Basis: Letter Grade with IP
Typically Offered: Fall, Spring, Summer.

MIMS 6210 - Intensive Advanced Immunology (3 Credits)
During this intensive-style class, students will attend daily lectures and laboratories in Week 1, then complete a 2-week project with final presentations in Week 3. In Week 1, Students will be fully immersed from 8 am to 6 pm with reading/prep in the evenings. Note: Due to its intensive nature, this course typically starts the first full week of January, several weeks ahead of the standard spring semester start date.
Grading Basis: Letter Grade
Typically Offered: Spring.

MIMS 6950 - Laboratory Thesis Research (1-6 Credits)
Laboratory Thesis Research with allow Immunology and Microbiology masters students students to engage in mentored laboratory research training ultimately producing a maters thesis based on their work.
Grading Basis: Letter Grade
Repeatable. Max Credits: 15.
Typically Offered: Fall, Spring, Summer.

MIMS 7530 - Introduction to Immunology (2 Credits)
This course is an introductory immunology course designed to provide students with an introduction to the field of immunology. This class is intended to introduce students who already have some background in general biology and cell biology to the study of the immune system.
Grading Basis: Letter Grade
Typically Offered: Fall, Spring.