

ME.250 (MEDICINE)

Courses

ME.250.606. Medicine Core Clerkship.

ME.250.611. Genes to Society - Micro/Infectious Disease. 3 Credits.

4-week course with a focus on lecture, laboratory (both virtual and "wet" labs), small group exercises, team based learning and clinical correlations on bacteria, viruses, fungi, and parasites. Goal is for the student to build a strong foundation in infectious diseases.

ME.250.615. Advanced Clerkship in Critical Care - Medical Intensive Care.

ME.250.616. Advanced Clerkship in Critical Care - Medical Intensive Care at Johns Hopkins Bayview Medical Center.

ME.250.617. Advanced Clerkship in Critical Care - Coronary Intensive Care.

ME.250.618. Advanced Clerkship in Critical Care - Coronary Intensive Care at Johns Hopkins Bayview Medical Center.

ME.250.619. Genes to Society - Immunology. 2 Credits.

N/A

ME.250.621. Advanced Ambulatory Clerkship.

ME.250.622. Genes to Society - Hematology.

N/A

ME.250.628. Organ Systems Foundations of Medicine: Musculoskeletal. 0 - 0 Credits.

M2 required course

ME.250.632. Organ Systems Foundations of Medicine: Hematology.

ME.250.633. Organ Systems Foundations of Medicine: Infectious Disease and Microbiology.

ME.250.699. Medicine Elective.

Subinternship in Plastic Surgery

ME.250.703. Graduate Immunology. 4 Credits.

This course is offered as a major course for graduate students in the 3rd and 4th quarter to provide a comprehensive survey of modern cellular and molecular immunology. The content is delivered by lectures and small groups. The course is open to graduate students and postdoctoral fellows.

ME.250.709. Immunology Course Discussion. 1 - 18 Credits.

The goal of the Immunology Core Course is to correlate what the students are learning in their required First Year Graduate classes with an immunologically relevant topic or technique. The sessions are formatted in a manner such that a student, backed up with the expertise of the faculty leader, can present either a classic or new paper from the literature. In some cases the sessions will consist of demonstration or problems sets.

ME.250.714. HIV Biology. 1 Credit.

This course will review clinically relevant aspects of HIV biology including the discovery of HIV, the steps in the HIV life cycle, the dynamics of HIV replication in vivo, HIV pathogenesis, the immune response to HIV, the pharmacology of antiretroviral drugs, and the status of efforts to cure HIV infection and develop an HIV vaccine.

ME.250.717. Control of Lymphocyte Apoptosis.

ME.250.719. Tumor Immunology.

ME.250.721. Fundamentals of Immune Recognition. 1 Credit.

ME.250.722. Autoimmunity. 1 Credit.

ME.250.723. Immunometabolism. 1 Credit.

Immunometabolism is emerging as an important component of Immune cell regulation. Starting with understanding Warburg physiology the Course will examine key findings in this rapidly evolving field as they relate to basic immunology, autoimmunity, transplantation and immunotherapy for cancer.

ME.250.724. Translational Immunology. 1 Credit.

This graduate level advanced course focuses on the role of the immune system in human health and disease. It will expand upon basic immunologic principles to discuss the importance of the immune system both as a protector from and a cause of disease. Organ specific immune responses, human immune knockouts, and immune responses occurring in the setting of disease will be explored in a paired lecture and journal club format. This course is appropriate for graduate students and postdoctoral fellows who have completed a graduate level course in immunology.

ME.250.725. Immunology Forum. 1 Credit.

ME.250.804. Introduction to Immunology Research (Parts I and II).

This course is designed to expose our first year students to the wide array of Immunology research that is offered here at Johns Hopkins. The course consists of two parts: Part 1. "Chalk Talks" A series of talks by the Immunology faculty to learn about research activities. Part 2. "Immunology Journal Club (IJC)" Created to provide them with an arena for reading and discussing journal articles with their peers. The purpose of the IJC is to help students develop the habit of reading a wide variety of immunology journal articles early and throughout the graduate career.

ME.250.861. Health Science Informatics Research Methods I. 3 Credits.

This course introduces students to the principles of health informatics research design and methods. Topics covered in this course include identifying health informatics research domains, designing informatics research, selecting appropriate informatics methods, integrating data science in informatics research, and, conducting literature and systematic reviews for health sciences informatics research.

ME.250.862. Health Sciences Informatics Research Methods II. 3 Credits.

This course introduces students to health informatics research methods and processes. Topics covered in this course include understanding clinical data and knowledge, reviewing specialized health informatics research topics, and conducting a quantitative informatics research project.

ME.250.863. Health Sciences Informatics Research Methods III. 3 Credits.

This course introduces students to advanced health informatics analytic methods. Topics covered include: understanding statistical methods used for health informatics research, conducting an advanced analytic project using complex clinical data repositories, and explaining the informatics challenges in the analytic process.

ME.250.864. Health Sciences Informatics Research Methods IV. 3 Credits.

This course introduces students to scientific dissemination methods and career development in health informatics research. Topics covered include: authoring informatics research manuscripts for publication, preparing informatics research grants, and career development options and strategies.