IMMUNOLOGY (IMMU)

IMMU 7602 - Special Topics in Cancer Immunology (1 Credit)
This interactive course aims to introduce important concepts, models and approaches in cancer immunology. The focuses are mechanisms relevant to the immune response in the context of cancer development and immunotherapy. Students are assessed via presentations, participation, and a paper.
Grading Basis: Letter Grade
A-GRAD Restricted to graduate students only.
Typically Offered: Spring.

IMMU 7603 - Special Topics-Immunologic Basis of Human Disease (1 Credit)
Perform translational studies, as they either test hypotheses established in mouse models or lead to new testable hypotheses that will advance understanding of pathogenesis of human disease. Greater understanding of disease pathogenesis will allow for development of new treatment options. Prereq: IMMU 7662.
Grading Basis: Letter Grade
Repeatable. Max Credits: 1.
A-GRAD Restricted to graduate students only.
Typically Offered: Spring.

IMMU 7604 - Special Topics in Signal Transduction in the Immune System (1 Credit)
In-depth course, designed primarily for immunology graduate students in their second year, who have completed IMMU 7602. The course covers selected topics (8 in all) encompassing a wide range of topics in signal transduction through receptors important in the immune system. Prereq: IMMU 7662.
Grading Basis: Letter Grade
A-GRAD Restricted to graduate students only.
Typically Offered: Spring.

IMMU 7605 - Workshop in Scientific Writing (1 Credit)
This workshop will consist of one session weekly for students to be critiqued on writing assignments designed to provide basic training in writing grant proposals and manuscripts.
Grading Basis: Letter Grade
Typically Offered: Spring.

IMMU 7607 - Science as a Profession (1 Credit)
This course discusses ethical issues, conflicts of interest, and regulations for working with humans or animals. It also includes instruction on writing papers and grants, giving effective presentations and advice on finding jobs in academia and industry.
Grading Basis: Letter Grade
A-GRAD Restricted to graduate students only.
Typically Offered: Fall.

IMMU 7608 - Immunology of Infection (1 Credit)
Students will discuss and present selections from the current literature on topics related to the interaction of the immune system with microbial causes of infectious diseases.
Grading Basis: Letter Grade
Typically Offered: Spring.

IMMU 7630 - Overview of Immunology (2 Credits)
An overview course in immunology for non-immunology-program graduate students. The focus is human relevance and the practical use of immunology in a variety of fields. Students gain experience applying immunological knowledge to their own area of interest.
Grading Basis: Letter Grade
A-GRAD Restricted to graduate students only.
Typically Offered: Fall.

IMMU 7650 - Research in Immunology (1-5 Credits)
Research work in immunology. Prereq: Consent of Instructor.
Grading Basis: Letter Grade with IP
Repeatable. Max Credits: 99.
A-GRAD Restricted to graduate students only.
Typically Offered: Fall, Spring, Summer.

IMMU 7662 - Immunology (6 Credits)
This course covers the basic principles of the immune system. Included are discussions on (I) the innate and adaptive immune responses, (II) the molecular and cellular basis of immune specificity and (III) aspects of clinical immunology.
Grading Basis: Letter Grade
A-GRAD Restricted to graduate students only.
Typically Offered: Spring.

IMMU 8990 - Doctoral Thesis (1-10 Credits)
Doctoral thesis work in immunology. Prereq: Consent of Instructor.
Grading Basis: Letter Grade with IP
Repeatable. Max Credits: 10.
A-GRAD Restricted to graduate students only.
Additional Information: Report as Full Time.
Typically Offered: Fall, Spring, Summer.