

IMID - Immunology Infectious Diseases

IMID 501 Exper Immunology/Pathology: 3 Credits (3 Lec)

PREREQUISITE: BIOB 410. Recent advances in and history of immunochemistry, immunogenetics, immunopathology, molecular and cellular immunology. Cross-listed with Microbiology 525

IMID 505 Gene Regulation in Human Development, Disease, and Immunity: 3 Credits (3 Lec)

PREREQUISITE: Graduate standing. (Sp) Offered every other Spring, even numbered years. Students in this course study the fundamental mechanisms of eukaryotic gene expression and this knowledge is placed within the context of modern genomics approaches. The course is divided between traditional lectures and a review of current literature in genome science, functional genomics (mRNA expression), and proteomics. Students learn basic informatics skills through a hands-on analysis of genome data with an emphasis on what can, and cannot, be learned from genome data

IMID 521 Laboratory Rotation I: 1 Credits (1 Lab)

PREREQUISITE: Must be a first year IMID or Microbiology Graduate Student. (F, Sp, Su) An independent scientific project within a Microbiology and Immunology research laboratory. Student should identify a question, master the necessary methods, collect and analyze data, and interpret how the data addresses the question. Final results are presented in a 15-minute departmental seminar

IMID 522 Laboratory Rotation II: 1 Credits (1 Lab)

PREREQUISITE: Must be a first year IMID Graduate Student. (F, Sp, Su) The IMID laboratory in which IMID 522 is performed must be different from the laboratories in which IMID 521 was performed. An independent scientific project within a Microbiology and Immunology research laboratory. Student should identify a question, master the necessary methods, collect and analyze data, and interpret how the data addresses the question. Final results are presented in a 15-minute departmental seminar

IMID 523 Laboratory Rotation III: 1 Credits (1 Lab)

PREREQUISITE: Must be a first year Microbiology or IMID Graduate Student. (F, Sp, Su) The IMID laboratory in which IMID 523 is performed must be different from the laboratories in which IMID 521 and IMID 522 were performed. An independent scientific project within a Microbiology and Immunology research laboratory. Student should identify a question, master the necessary methods, collect and analyze data, and interpret how the data addresses the question. Final results are presented in a 15-minute departmental seminar

IMID 575 Professional Paper: 1-4 Credits (1-4 Other)

PREREQUISITE: Graduate Standing. (F, Sp, Su) A research or professional paper or project dealing with a topic in the field. The topic must have been mutually agreed upon by the student, the major advisor, and graduate committee
Repeatable up to 6 credits.

IMID 589 Graduate Consultation: 3 Credits (3 Other)

PREREQUISITE: Master's standing and approval of the Dean of Graduate Studies. (F, Sp, Su) This course may be used only by students who have completed all of their course work (and thesis, if on a thesis plan) but who need additional faculty or staff time or help
Repeatable up to 99 credits.

IMID 590 Master's Thesis: 1-10 Credits (1-10 Other)

PREREQUISITE: Master's standing
Repeatable up to 99 credits.

IMID 591 Special Topics: 1-4 Credits (1-4 Lec)

PREREQUISITE: Upper division courses and others as determined for each offering. Courses not required in any curriculum for which there is a particular one time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number
Repeatable up to 12 credits.

IMID 592 Independent Study: 1-4 Credits (1-4 Other)

PREREQUISITE: Graduate standing, consent of instructor, approval of department head and Dean of Graduate Studies. (F, Sp, Su) Directed research and study on an individual basis
Repeatable up to 8 credits.

IMID 594 Seminar: 1 Credits (1 Other)

PREREQUISITE: Graduate standing or seniors by petition. (F, Sp) Course prerequisites as determined for each offering. Topics offered at the graduate level which are not covered in regular courses
Repeatable up to 4 credits.

IMID 690 Doctoral Thesis: 1-10 Credits (1-10 Other)

PREREQUISITE: Doctoral standing
Repeatable up to 99 credits.