

Required and Recommended Courses, including teaching requirement

The following minimum core graduate courses, or their equivalent, are required of all students in the Graduate Group. These courses should be taken before the Qualifying Examination Committee is appointed, and the student must receive a "B" or higher grade average in these courses, except seminars that may be taken on a S/U basis.

Group I: Infectious Diseases (2 courses)

PH 260A Principles of Infectious Disease, Part I (4 units); Riley & Swartzberg
one of the following:

PH 260B Principles of Infectious Disease, Part II (4 units); Swartzberg

PH 261 Advanced Medical Virology (3 units); Liu

PH 262 Molecular Basis of Bacterial Pathogenesis (3 units); Portnoy

PH 265 Molecular Parasitology (3 units); Harris

PH 266 Viruses & Cancer (3 units); Buehring

Group II: Immunology (1 course)

MCB 250 Advanced Immunology (3 units); Raulet/Robey/Shastri

Group III: Epidemiology and Biostatistics (2 courses)

PH 145 Statistical Analysis of Continuous-Outcome Data (4 units)

or:

PH 245 Introduction to Multivariate Statistics (4 units)

PH 253B Epidemiology and Control of Infectious Diseases (3 units); Reingold

or:

PH 260E Molecular Epidemiology (3 units); Riley

Group IV: Research (2 courses)

PH 276 Conduct and Integrity in Research (2 units); Stephens

PH 293 Current Topics in Infectious Disease and Immunity (2 unit); Stephens

(required every semester). PH 293 section 4 Monday Doctoral Seminar is
(1 unit)
for all IDI PhD students; in addition IDI PhD students who have not passed the QE will have
to take PH 293 section 12 Wednesday Doctoral Seminar as well.

(2 units)
In addition to the required courses listed above, students should enroll in a graduate-level
course of either cell biology, genetics, or biochemistry depending on the student's gap in
such knowledge and at least a few additional course work appropriate to the student's area
of research interest with the guidance of the Graduate Advisor and other faculty.

