SAMPLE CURRICULUM: Epidemiology PhD

Before taking the qualifying examination, it is expected that doctoral students in Epidemiology at UC Berkeley will have taken the following courses or their equivalent, either while in a master’s degree program (at Berkeley or prior to matriculating at Berkeley) or while in the doctoral program, or be knowledgeable about the material covered in these courses:

Required Courses during Years 1 and 2:
- PH250B Epidemiologic Methods II
- PH250C Advanced Epidemiologic Methods
- PH293 Epidemiology Doctoral Seminar
  - Required every semester for years 1 & 2, and strongly recommended through the remaining years in the program
- PH252D Introduction to Causal Inference
- PH252E Advanced Topics in Causal Inference

Recommended Courses:
- PH142 Intro to Probability and Statistics in Biology & Public Health
- PH145 Statistical Analysis of Continuous Outcome Data
- PH241 Statistical Analysis of Categorical Data
- PH245 Introduction to Multivariate Statistics
- PH242C Longitudinal Data Analysis
- PH248 Statistical Computer Analysis Using R
- PH252 Epidemiologic Analysis
- PH252C Intervention Trial Design
- PH290 (8) Grant Writing

Students are expected to take additional courses in the 255-258 series. Students must take online training in human subject research and obtain prior human subjects approval for planned dissertation research.

Through their choice of elective courses, students are also expected to develop expertise in a third area of knowledge relevant to their expected dissertation research (e.g., virology, sociology, anthropology, demography, etc.). Thus, students should seek out and take appropriate other courses in the School of Public Health and in other departments and schools on the Berkeley campus relevant to their chosen “third area,” or of potential benefit to them in their research.

The Graduate Division requires that no more than one-third of the units in an individual student’s total curriculum while at Berkeley be taken on a Satisfactory/Unsatisfactory basis. Public Health 298 and 299 courses are not included in this calculation.