

Epidemiology MS

Sample 2 yr Curriculum for MS students

MS students in epidemiology are under Graduate Division Plan II, which requires a minimum of 48 units and an oral comprehensive examination. The MS degree requires two years of academic residence to meet minimum requirements. Students admitted to the MS program are generally limited to those considered highly likely to seek admission to doctoral studies in epidemiology upon completion of their MS degree.

Students in the MS program generally follow a curriculum similar to that of students in the two-year MPH program in epidemiology/biostatistics, but do not have to meet the school-wide breadth requirements, although they are strongly encouraged to take courses in various public health disciplines outside epidemiology and biostatistics.

	Fall			Spring	
Year 1		Units			Units
PH 142 Or PH 145	Introductory Biostatistics or Statistical Analysis of Continuous Outcome Data	4- 142 4- 145	PH 241	Analysis of Categorical Data	4
PH 250A or PH 250B	Epi Methods I or Epi Methods II	3- 250A 4- 250B	PH 144A	Intro to SAS programming	2
PH 292	Seminar	2	PH 144B	Intermediate SAS programming	2
	Electives	2-3		Electives	4-5
Year 2					
PH 245	Multivariate Statistics	4	PH C242C	Longitudinal Data Analysis	4
PH 250B	Epi Methods II	4	PH 292	MPH Master's Presentation	2
PH 251C OR PH 292	Meta-Analysis in Epi or Research Seminar	2- 251C 2- 290		Electives	≥ 6
	Electives	≥ 2			

All students in this program are required to take PH 292, Epidemiology Seminar, in the fall semester of their first year. Students who do not already possess substantial skills in SAS programming and in analysis of large data sets are strongly encouraged to take PH 144A/B. Students who do not have experience reviewing the epidemiologic literature and writing about epidemiologic topics are strongly encouraged to take PH 251C, Causal Inference and Meta-Analysis in Epidemiology, in the fall semester. Students interested in a greater depth of understanding of epidemiologic methods and theoretical underpinnings are encouraged to take PH 250C, Epidemiologic Theory. Students are also encouraged to take courses in a third area related to their research interests (e.g. virology, demography, anthropology, sociology, etc.).