

MPH Biostatistics 42-Credit Concentration

I. Public Health Core: 16 credits		Credits	*Semester
PHC 6052	Introduction to Biostatistical Methods (blended)	3	F
PHC 6001	Principles of Epidemiology (blended)	3	F
PHC 6313	Environmental Health Concepts in PH	3	F
HSA 6114	Introduction to US Healthcare Systems (blended)	3	F
PHC 6410	Psychological, Behavioral, and Social Issues in PH (blended)	3	F
PHC 6601	Seminar in Contemporary Public Health Issues	1	F,S
II. Concentration Core: 12 credits		Credits	*Semester
PHC 6053	Regression Methods for Health and Life Sciences	3	S
PHC 6937	Special Topics: Survival Analysis	3	F
PHC 6080	SAS for Public Health Data	3	F,S
PHC 6081	SAS for Public Health Analysis	3	F,S
PHC 6055	Biostatistical Computing Using R	3	F,S
PHC 6000	Epidemiology Research Methods I	3	S
III. Concentration Electives**: 9 credits		Credits	*Semester
PHC 6011	Epidemiology Research Methods II	3	ss
PHC 6937	Design and Conduct of Clinical Trials	3	F
STA 5503	Categorical Data Methods	3	S
STA 5223	Applied Sample Survey Methods	3	F (even)
STA 5507	Applied Nonparametric Methods	3	F (odd)
STA 5701	Applied Multivariate Methods	3	S (odd)
PHC 6711	Measurement in Epidemiology and Outcomes Research	3	varies
STA 5325	Fundamentals of Probability (<i>Prereq: MAC 2313</i>)	3	F,S,ss
STA 5328	Fundamentals of Statistical Theory (<i>Prereq: MAC 2313</i>)	3	F,S,ss
IV. Internship: 5 credits		Credits	*Semester
PHC 6946	Public Health Internship	5	F,S,ss

*F=Fall; S=Spring; ss=Summer. Class schedules are subject to change.

**Other courses may be substituted or added with the approval of the concentration coordinator.