

## MPH Biostatistics 42-Credit Concentration

<b>I. Public Health Core: 16 credits</b>		Credits	**Semester
PHC 6052	Introduction to Biostatistical Methods	3	F, S
PHC 6001	Principles of Epidemiology	3	F
PHC 6313	Environmental Health Concepts in Public Health	3	S
HSA 6114	Introduction to US Healthcare Systems	3	F
PHC 6410	Psychological, Behavioral, and Social Issues in Public Health (formerly PHC 6406)	3	F
PHC 6601	Seminar in Contemporary Public Health Issues (formerly PHC 6931)	1	F, S
<b>II. Concentration Core: 12 credits</b>			
PHC 6053	Regression Methods for the Health and Life Sciences	3	S
PHC 6937	Special Topics: Survival Analysis	3	F
PHC 6937	Special Topics: SAS for Public Health Data	1	F, S
PHC 6937	Special Topics: SAS for Public Health Analysis	1	F,S
PHC 6937	Special Topics: Biostatistical Computing Using R	1	F,S
PHC 6000	Epidemiology Research Methods I	3	S
<b>III. Concentration Electives: 9 credits*</b>			
STA 5223	Applied Sample Survey Methods	3	F-even
STA 5503	Categorical Data Methods	3	S
STA 5507	Applied Nonparametric Methods	3	F-odd
STA 5701	Applied Multivariate Methods	3	S-odd
PHC 6937	Special Topics: Bias in Observational Research	3	S
PHC 6937	Special Topics: Spatial Epidemiology	3	F
STA 5325	Mathematical Methods of Statistics	3	F,S,ss
STA 5328	Mathematical Methods of Statistics II	3	F,S,ss
<b>IV. Internship: 5 credits</b>			
PHC 6946	Public Health Internship	5	

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

\*\*F=Fall; S=Spring; ss=Summer

\*\*Class schedules are subject to change each semester. Students should verify course offerings and contact appropriate department for permission to register prior to registration.