



Population Health Sciences PhD Program

Biostatistics Emphasis Curriculum

Course Prefix and Number	Title	Credit Hours
PHS 7050	Statistical Practice	3
PHS 7010	Analysis of Multilevel Data	3
PHS 7020	Analysis of Secondary Data	4
PHS 7030	Applied Modern Causal Inference	3
PHS 7035	Theory of Modern Causal Inference	2
PHS 7100	Clinical Epidemiology	3
PBHLT 6107 OR PBHLT 7130*	Survival Analysis OR Longitudinal Data Analysis	3
PHS 7310	Comparative Health Systems Seminar I	2
PHS 7305	PHS 1 st Year Seminar	1
MDCRC 6450	Grant Writing	3
PHS 7900	Dissertation Work (minimum 14 credits)	14
	Subtotal	41

Elective Courses

Title	Credit Hours
Directed Elective from Departmental Approved List	3
Directed Elective from Departmental Approved List	3
Directed Elective from Departmental Approved List	3
Directed Elective from Departmental Approved List	3
Directed Elective from Departmental Approved List	3
Directed Elective from Departmental Approved List	3
Directed Elective from Departmental Approved List	3
Subtotal	21

Minimum Number of Credits **with** Previous MS (including dissertation) 62

Minimum Number of Credits **without** Previous MS 80

* Qualified students may substitute one of the classes from the mathematical statistics directed electives