

PhD Proposal Defense Date:		PhD Final Defense Date:					
CURRICULUM PLANNING SHEET							
Epidemiology PhD Fall 2018							
At least 24 credit hours must be earned in doctoral level didactic epidemiology courses or advanced biostatistics courses. Other biostatistics courses beyond BST 621/622 may be counted as an advanced course except BST 626 (Data Management with SAS) and BST 625 (Design and Conduct of Clinical Trials). Please consult your advisor to fulfill the advanced biostatistics requirement. A total of at least 60 credit hours must be completed to earn the PhD-EPI degree.							
Students receiving a PhD are required to complete a 37 hour, self-paced online course entitled "Overview of Public Health" by the end of their second semester. Students with prior public health education (coursework in each of the public health core disciplines) or experience (5 years in public health) may be waived from this requirement by permission of the Associate Dean.							
Student Name:			Advisor:				
Student Number:							
Course Name	Term Course Available			Term/Year Taken	Credit Hours	Grade	
	Fall	Spr	Sum				
Required (18 Hours)							
BST 621: Statistical Methods I	C				3		
BST 622: Statistical Methods II		C			3		
EPI 703: Grant Proposal Writing	C				3		
EPI 704: Advanced Epidemiologic Methods	C				3		
EPI 710: Analysis of Case-Control Studies		C			3		
EPI 720: Analysis of Follow-Up Studies			C		3		
One (1) course related to research ethics and scientific integrity (Does not count toward the required 24 credit hours of didactic course work.)							
GRD 717: Principles of Scientific Integrity	C	O	C		3		
At least one (1) additional doctoral level Epidemiology course - select from the following:							
EPI 713: Cancer Epidemiology and Control			C		3		
EPI 721: HIV/AIDS and STDs	C				3		
EPI 731: Genetic Epidemiology †					4		
EPI 731L: Genetic Epidemiology Lab †			C		4		
EPI 781: Special Topics in Epidemiology ‡					3		
EPI 788: Principles & Methods in Molecular Epidemiology					4		
At least two (2) advanced level Biostatistics courses. Other courses may be available in Biostats, with your advisor's approval. Please check the course catalog.							
BST 623: General Linear Models	C				3		
BST 655: Categorical Data Analysis	C				3		
BST 665: Survival Analysis		C			3		
BST 640: Nonparametric Methods (offered on demand/as needed)			C		3		
BST 660: Applied Multivariate Analysis (offered on demand/as needed)		C			3		
BST 661: Structural Equation Modeling (offered on demand/as needed)					3		
BST 670: Sampling Methods (offered on demand by ≥5 students)	C				3		
BST 671: Meta Analysis (offered as needed)		C			3		
BST 723: Theory of Linear Models (Fall/odd years)	C				3		
BST 735: Advanced Inference (Spring/odd years)		C			3		
BST 740: Bayesian Analysis (Fall/even years)	C				3		
BST 750: Stochastic Modeling (offered as needed)					3		
BST 760: Generalized Linear and Mixed Models (Spring/even years)		C			3		
At least one (1) doctoral level course in an area of medicine or in one of the major areas of PH other than EPI and BST must be taken. The following courses are acceptable. Other courses are available (check course catalog). Please consult your advisor for additional courses.							
HB 714: Survey Research Methods					3		
HCO 704: Health Economics and Health Policy	C				3		
GBS 721: Genetic Epidemiology		C			2		
GBS 727: Advanced Human Genomics	C				3		
GBS 757: Biology of Disease	C				3		
GBSC 715: Molecular Basis of Disease		C			3		
Required Doctoral Seminars (Please note EPI 790 must be taken at least 2 times)							
EPI 790: Doctoral Seminar in Epidemiology	C	C			2		
	C	C			2		
Doctoral-Level Research (at least 24 hours)							
EPI 798: Doctoral-Level Directed Research (Register prior to admission to candidacy: Must have at least 12 hours)							
EPI 798	X	X	X		12		
EPI 799: Dissertation Research (Register after admission to candidacy) (Must have at least 12 hours and at least 2 semesters of EPI 799)							
EPI 799	X	X	X		12		
Optional Electives (with advisor's approval and in some cases, also approval of instructor) - to complete total hours required for degree.							
HCO 670: Social and Ethical Issues in Public Health	CO	O			3		
Minimum Total Credit Hours for Degree					60		

Course Availability Key:

O = Online; C = In Class; CO = Both In Class and Online; I = On site

† Indicates course taught **every even calendar year**

‡ Indicates course taught **every odd calendar year**

± Indicates course may or may not be taught (check with the program manager for course availability)