

Department of Biostatistics and Epidemiology
Biostatistics Curriculum

The MPH with concentration in biostatistics can be completed in two years for full time students. Students must complete the MPH with concentration in biostatistics within six years of matriculation to the degree program. The Field Experience (BSTA 5850) is a 300-hour placement at an appropriate governmental, non-governmental, non-profit, industrial, or for-profit setting that students complete in their second year. The Biostatistics Capstone (BSTA 5950) is the culminating experience for the MPH and it is completed in the last semester of the program. Students are advised to first complete the four MPH foundational courses. Electives are determined between the student and the MPH Department Professional Advisor. Other elective options are available in the departments of Community and Behavioral Health, Environmental Health, Health Services Management and Policy, Geosciences, Psychology, etc.

Year 1 (full time MPH)						
Fall			Spring			
Course	Course Type	Hours	Course	Course Type	Hours	
HSMP 5010 ^a		3	HSMP 5200	MPH Foundational	4	
Foundations of Public Health			Health Leadership and Management			
EPID 5100	MPH Foundational	4	COBH 5250	MPH Foundational	4	
Analytic Methods in Public Health			Community-Based Methods in Public Health			
HSMP 5040	MPH Foundational	4	BSTA 5350	Bio Concentration	3	
Health Systems, Regulations and Policies			Intermediate Biostatistics			
Elective* (if not taking HSMP 5010)		3	BSTA 5360	Bio Concentration	3	
			Clinical Research: Design and Analysis			
Credit Hours		11-14	Credit Hours		14	
			Year 1 Total Hours		25-28	
Year 2 (full time MPH)						
Fall			Spring			
Course	Course Type	Hours	Course	Course Type	Hours	
BSTA 6170	Bio Concentration	3	BSTA 5950		3	
SAS Programming w/ Research Applications in PH			Capstone			
BSTA 5370 ^b /Elective*		3	BSTA 5385 ^b /Elective*		3	
Categorical Data Analysis or Elective			Applied Longitudinal Data Analysis or Elective			
Elective*/BSTA 5850		3-6	BSTA 5850/Elective*		0-3	
Elective or Field Placement			Field Placement or Elective			
Credit Hours		9-12	Credit Hours		6-9	
			Year 2 Total Hours		18	
			Total Program Hours		43-46	

^aOnly required for those without a previous CEPH-accredited degree.

^bStudents must complete either BSTA 5370 or BSTA 5385 but have the option of completing both of these courses with one counting as an elective.

* 2 Electives in total.