

NEW (Starting Fall 2025) MPH Biostatistics 48-Credit Concentration

(Accelerated: 42 Credit option for those with a terminal degree)

I. Public Health Core: 19 credits		Credits	*Semester
PHC 6600	Foundations of Public Health	3	F, S, ss
PHC 6XXX	Public Health Methods (PHM) 1: Quantitative Foundations	3	F, S
PHC 6XXX-L	PHM I Programming Lab: Statistical Applications	1	F, S
PHC 6605	Social Determinants of Health	3	F, ss
PHC 6XXX	PHM 2: Applications for Practice	3	S, ss
PHC 6410	Designing & Implementing Solutions in PH (blended)	3	F, S
PHC 6149	Public Health Leadership	2	F, ss
PHC 6601	Professional Series in Public Health	1	F, S, ss
II. Concentration Core: 12 credits		Credits	*Semester
PHC 6053	Regression Methods for Health and Life Sciences (online)	3	S
PHC 6059	Introduction to Applied Survival Analysis	3	F
PHC 6089	PH Computing	3	F,S
PHC 6000	Epidemiology Research Methods I	3	S
III. Concentration Electives **: 6-9 credits (Accelerated 6 credits)		Credits	*Semester
PHC 6011	Epidemiology Research Methods II	3	F
PHC 6022	Design and Conduct of Clinical Trials	3	F
PHC 6251	Assessment & Surveillance in Public Health	3	ss
PHC 6711	Measurement in Epidemiology and Outcomes Research	3	F
PHC 6064	Survey of Advanced Biostatistical Methods for the Health Sciences	3	S
PHC 6937	Data Visualization in Health Sciences (<i>prereq: PHC 6052</i>)	3	S
PHC 6937	Causal Inference (<i>prereq: PHC 6053 and R programming</i>)	3	F
STA 5503	Categorical Data Methods	3	S
STA 5507	Applied Nonparametric Methods	3	F (odd)
STA 5701	Applied Multivariate Methods	3	S (odd)
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
PHC 6917	Supervised Research (Requires approval of research supervisor, consent of faculty advisor, and final approval by APE Coordinator)	1-3	F,S,ss
PHC 6937	Special Topics: Preparing for the Field: Developing Key Skills for Applied Health Department Work	3	S
IV. Applied Practice Experience: 3-6 credits (Accelerated 3 credits)		Credits	*Semester
PHC 6941	MPH Applied Practice Experience	3-6	F,S,ss
V. MPH Capstone: 2-credits			
PHC 6940	Master of Public Health Capstone	2	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.

NEW (Starting Fall 2025) Student Plan of Study: Biostatistics – 48 credit
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Graduate Year 1			Graduate Year 2		
Notes			Summer Semester Total Hrs <u>6-9</u> credits (Accelerated 3 credits)		
*Inter-professional Learning & Health Modules (Assigned in first Spring Semester)			Course	Hrs	Title
			<i>Applied Practice Experience^a</i>		
			PHC 6941	3-6	Applied Practice Experience
			<i>Concentration Elective</i>		
				3	
Fall Semester Total Hrs <u>12</u> credits			Fall Semester Total Hrs <u>9-12</u> credits (Accelerated 9 credits)		
Course	Hrs	Title	Course	Hrs	Title
<i>Public Health Core</i>			<i>Public Health Core</i>		
PHC 6600	3	Foundations of Public Health	PHC 6601	0	ProSeries in Public Health: Prep Capstone
PHC 6XXX	3	Public Health Methods (PHM) I: Quant. Foundations	<i>Concentration Core</i>		
PHC 6XXX-L	1	PHM I Programming Lab: Statistical Applications	PHC 6089	3	Public Health Computing
PHC 6605	3	Social Determinants of Health	PHC 6059	3	Introduction to Applied Survival Analysis
PHC 6149	2	Public Health Leadership	<i>Concentration Elective(s)</i>		
				3	
				0-3	
Spring Semester Total Hrs 12 credits			Spring Semester Total Hrs 6-9 credits (Accelerated 6 credits)		
Course	Hrs	Title	Course	Hrs	Title
<i>Public Health Core</i>			<i>Public Health Core</i>		
PHC 6XXX	3	PHM 2: Applications for Practice	PHC 6940	2	MPH Capstone
PHC 6410	3	Designing & Implementing Public Health Solutions	PHC 6601	1	ProSeries in Public Health
PHC 6601	0	ProSeries in Public Health: Prep for APE	<i>Concentration Electives</i>		
<i>Concentration Core</i>				3-6	
PHC 6053	3	Regression Methods for Health & Life Sciences			
PHC 6000	3	Epidemiology Research Methods I			