

**CURRICULUM REQUIREMENTS - ALL EPIDEMIOLOGY DEGREE PROGRAMS - STUDENTS MATRICULATING AS OF FALL 2021**

Course	Course Title	Credits	M.P.H. 45 credit	M.S. 30 credit	M.S. 45 credit	Dr.P.H. 72 credit	Ph.D. 72 credit	
	<b>Required School-Level Courses and Experiences</b>							
BCHS 2509	Social and Behavioral Science and Public Health	3	X			X		
BIOST 2041	Introduction to Statistical Methods	3	X			X		
EOH 2013	Environmental Health & Disease	2	X			X		
EPIDEM 2110	Principles of Epidemiology	3	X	X	X	X	X	
EPIDEM 2214	Public Health Internship	1-2	X			X		
HPM 2001	Health Policy and Management in Public Health	3	X			X		
PUBHLT 2011	Essentials of Public Health	3		X	X		X	
PUBHLT 2015	Public Health Biology	2	X			X		
PUBHLT 2033	Foundations in Public Health	1	X					
PUBHLT 2034	Public Health Communications	2	X					
PUBHLT 2035	Applications in Public Health	2	X			X		
PUBHLT 2022 <sup>1</sup>	The Dean's Public Health Grand Rounds	0	X	X	X	X	X	
Academic Integrity Training	PPH Online Training - see PPH website for additional information	0	X	X	X	X	X	
	<b>Required Departmental Courses and Experiences</b>							
EPIDEM 2004	Pathophysiology Across the Lifespan	4					(B)	
EPIDEM 2160	Epidemiology of Infectious Diseases	2	X	(A)	X	X	X	
EPIDEM 2170	Chronic Disease Epidemiology	2	X	(A)	X	X	X	
EPIDEM 2180	Epidemiological Methods 1	3	X	X	X	X	X	
EPIDEM 2181	Design and Conduct of Clinical Trials	2	X	X	X	X	X	
EPIDEM 2185	Introduction to SAS	2		(C)	(C)	(C)	(C)	
EPIDEM 2186	Introduction to R for Public Health	2		(C)	(C)	(C)	(C)	
EPIDEM 2189	Epidemiological Methods of Longitudinal & Time-To-Event Analyses	3			(D)	(D)	X	
EPIDEM 2192 <sup>2</sup>	Causal Inference for Epidemiologic Research	3					X	
EPIDEM 2210	Master's Essay	1-2	X					
EPIDEM 2210	Master's Thesis	3-5		X	X			
EPIDEM 2215	Teaching Practicum	2				X	X	
EPIDEM 2230	Secondary Data Analysis: A Capstone Course	2					X	
EPIDEM 2250	Seminar in Epidemiology	1	X	X	X	X	X	
EPIDEM 2260	Epidemiological Basis for Disease Control	2		(A)		X	X	
EPIDEM 2600	Introduction to Molecular Epidemiology	3					X	
EPIDEM 2921	Grant Writing	3				X	X	
EPIDEM 3100	Research and Dissertation	3				(E)	(E)	
EPIDEM 3183 <sup>3</sup>	Reading, Analyzing, Interpreting Pub. Health/Med.Literature	3				X	X	
FTDR 3999	Full-Time Dissertation Research (if student is qualified)	0				(E)	(E)	
PUBHLT 2015	Public Health Biology	2			X			
PUBHLT 2030	Research Ethics and the Responsible Conduct of Research	1				X	X	
BIOST 2041	Introduction to Statistical Methods	3		X	X		X	
BIOST 2093	SAS Data Management and Analysis	2		(C)	(C)	(C)	(C)	
BIOST 2049	Applied Regression Analysis	3	X	X	X	X	X	
BIOST 2050	Longitudinal and Clustered Data Analysis	2			(D)	(D)	(F)	
BIOST 2066	Applied Survival Analysis: Methods and Practice	2			(D)	(D)	(F)	
EOH 3210	Pathophysiology of Environmental Disease	3					(B)	
HPM 2131	Public Health Law & Ethics	2				X		
BCHS 2558	Health Program Evaluation	3				X		
IRB Training	Internal Review Board (IRB) Online Training - see Student Services staff for details.	0	X	X	X	X	X	
Presentation Training	Competency in Communication - see Student Services staff for details.	0	(G)	(G)	(G)	(H)	(H)	
Independent Development Plans (IDP)	Doctoral students must submit IDP's annually. A reminder about this requirement will be emailed to students in spring term.					X	X	

Primary Data Collection Requirement	Primary Data Collection Measurement & Management Requirement - see Student Services manager for details.	0					X	X	
Leadership Training	Leadership, Advocacy, Communication, or Management Electives	6					(I)		
<sup>1</sup> PUBHLT 2022 is required except for joint degree, certificate only, and non-degree students.									
<sup>2</sup> EPIDEM 2192 is a replacement for the previously offered course--EPIDEM 2191.									
<sup>3</sup> EPIDEM 3183 is a replacement for the previously offered course--EPIDEM 2183.									
A, B, C, D, E	Letters correspond to sets of courses; one of each set is required								
F	Two advanced quantitative courses required. The following can be substituted for BIOST 2050 or BIOST 2066: BCHS 3002, BCHS 3015 BIOST 2016, BIOST 2062, BIOST 2086 PSYED 3408								
	A student proposing a different course (not on the list above) that could potentially satisfy this requirement should forward the following to the Epidemiology Curriculum Committee chair: (1). the course academic title (2). course syllabus (3). description of how the course satisfies the advanced methodological objective, and (4). An indication from the academic advisor of their agreement to the request.								
G	Complete at least one poster or oral presentation. Advisor sign-off req.								
H	Complete at least two posters or oral presentations. Advisor sign-off req.								
I	Complete at least 6 credits of electives in leadership, advocacy, communication, or management. Possibilities include: BCHS 2135, 2504, 2572, 3504 HPM 2063, 2081, 2133 PIA 2028, 2192, 2509 PUBHLT 2025 Effective Spring 2017, BCHS 3015/BIOST 3023 (formerly cross-listed classes) and BCHS 3002 no longer qualify for this requirement.								
								11-8-22	