

CURRICULUM REQUIREMENTS - ALL EPIDEMIOLOGY DEGREE PROGRAMS - STUDENTS MATRICULATING AS OF FALL 2025							
Course	Course Title	Credits	M.P.H. 45 credit	M.S. 30 credit	M.S. 45 credit	Ph.D. 72 credit	
	Required School-Level Courses and Experiences						
BCHS 2509	Social and Behavioral Science and Public Health	3	X				
BIOST 2041	Introduction to Statistical Methods	3	X				
EOH 2013	Environmental Health & Disease	2	X				
EPIDEM 2110	Principles of Epidemiology	3	X	X	X	X	
EPIDEM 2214	Public Health Internship	1-2	X				
HPM 2001	Health Policy and Management in Public Health	3	X				
PUBHLT 2011	Essentials of Public Health	3		X	X	X	
PUBHLT 2015	Public Health Biology	2	X				
PUBHLT 2033	Foundations in Public Health	1	X				
PUBHLT 2034	Public Health Communications	2	X				
PUBHLT 2035	Applications in Public Health	2	X				
PUBHLT 2022 ¹	The Dean's Public Health Grand Rounds	0	X	X	X	X	
Academic Integrity Training	PPH Online Training - see PPH website for additional information	0	X	X	X	X	
	Required Departmental Courses and Experiences						
EPIDEM 2004	Pathophysiology Across the Lifespan	4				(B)	
EPIDEM 2160	Epidemiology of Infectious Diseases	2	X	(A)	X	X	
EPIDEM 2170	Chronic Disease Epidemiology	2	X	(A)	X	X	
EPIDEM 2180	Fundamentals of Epidemiological Methods	3	X	X	X	I	
EPIDEM 2181	Design and Conduct of Clinical Trials	2	X	X	X	X	
EPIDEM 2185	Introduction to SAS	2		(C)	(C)	(C)	
EPIDEM 2186	Introduction to R for Public Health	2		(C)	(C)	(C)	
EPIDEM 2189	Epidemiological Methods of Longitudinal & Time-To-Event Analyses	3			(D)	X	
EPIDEM 2192 ²	Causal Inference in Epidemiologic Research	3				X	
EPIDEM 2193	Machine Learning & Bayesian Analysis in Epidemiological 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	
EPIDEM 2230	Secondary Data Analysis: A Capstone Course	2				X	
EPIDEM 2250	Seminar in Epidemiology	1	X	X	X	X	
EPIDEM 2260	Epidemiological Basis for Disease Control	2		(A)		X	
EPIDEM 2600	Introduction to Molecular Epidemiology	3				X	
EPIDEM 2921	Grant Writing	3				X	
EPIDEM 3100	Research and Dissertation	3				(E)	
EPIDEM 3183 ³	Reading, Analyzing, Interpreting Pub. Health/Med.Literature	3				X	
FTDR 3999	Full-Time Dissertation Research (EPIDEM 3100 substitute for qualifying students)	0				(E)	
PUBHLT 2015	Public Health Biology	2			X		
PUBHLT 2030	Research Ethics and the Responsible Conduct of Research	1				X	
BIOST 2041	Introduction to Statistical Methods	3		X	X	X	
BIOST 2142 ⁴	Applied Regression Analysis	3	X	X	X	X	
BIOST 2143 ⁵	Longitudinal and Clustered Data Analysis	2			(D)		
BIOST 2150 ⁶	Applied Survival Analysis: Methods and Practice	2			(D)		
XXXXX XXXX	Advanced Quantitative Course requirement	1-3				(F)	
EOH 3210	Pathophysiology of Environmental Disease	3				(B)	
IRB Training	Internal Review Board (IRB) Online Training - see Student Services staff for details.	0	X	X	X	X	
Presentation Training	Competency in Communication - see Student Services staff for details.	0	(G)	(G)	(G)	(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.	0				X	
Primary Data Collection Requirement	Doctoral students must submit Primary Data Collection Measurement & Management Requirement forms - see Student Services manager for details.	0				X	

¹PUBHLT 2022 is required except for joint degree, certificate only, and non-degree students. Students required to enroll must do so for two terms. This course is offered in fall and spring terms.

²EPIDEM 2192 is a replacement for the previously offered course--EPIDEM 2191.

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