

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

Course	Course Title	Credits	M.P.H.	M.S.	M.S.	Dr.P.H.	Ph.D.	
			45 credit	30 credit	45 credit	72 credit	72 credit	
Required School-Level Courses and Experiences								
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 ¹	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	
Required Departmental Courses and Experiences								
EPIDEM 2004	Pathophysiology Across the Lifespan	4						(B)
EPIDEM 2160	Epidemiology of Infectious Diseases	2	X	(A)	X	X	X	X
EPIDEM 2170	Chronic Disease Epidemiology	2	X	(A)	X	X	X	X
EPIDEM 2180	Epidemiological Methods 1	3	X	X	X	X	X	X
EPIDEM 2181	Design and Conduct of Clinical Trials	2	X	X	X	X	X	X
EPIDEM 2183	Reading, Analyzing, Interpreting Pub. Health/Med.Literature	2				X	X	
EPIDEM 2185	Introduction to SAS	2		(C)	(C)	(C)	(C)	(C)
EPIDEM 2186	Introduction to R for Public Health	2		(C)	(C)	(C)	(C)	(C)
EPIDEM 2189	Epidemiological Methods of Longitudinal & Time-To-Event Analyses	3			(D)	(D)	X	
EPIDEM 2191	Advanced Theory and Methods for the Analysis of Epidemiological Data	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	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)	
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)		
¹ PUBHLT 2022 is required except for joint degree, certificate only, and non-degree students.								
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 BIOCST 2050 or BIOCST 2066:							
	BCHS 3002, BCBS 3015							
	BIOCST 2016, BIOCST 2062, BIOCST 2086							
	PSYED 3408							
	NOTE: Other courses may qualify at advisor's discretion.							
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:							
	BCBS 2135, 2504, 2572, 3504							
	HPM 2063, 2081, 2133							
	PIA 2028, 2192, 2509							
	PUBHLT 2025							
	Effective Spring 2017, BCBS 3015/BIOCST 3023 (formerly cross-listed classes) and BCBS 3002 no longer qualify for this requirement.							
							7-7-21	