Full Sequence
Doctor of Philosophy (PhD) Program in Epidemiology

Fall Term, Year 1 (matriculation as of Fall 2023)

Course #	Course Title	Credits
BIOST 2041*	Introduction to Statistical Methods	3
EPIDEM 2004 (fall/spr/sum) OR EOH 3210 (spring)	Pathophysiology Across the Lifespan OR Pathophysiology of Environmental Disease	4 3
EPIDEM 2110*	Principles of Epidemiology	3
EPIDEM 2185 (fall) OR EPIDEM 2186 (fall)	Introduction to SAS OR Introduction to R for Public Health	2 2
EPIDEM 2250	Seminar in Epidemiology	1
PUBHLT 2022	Dean's Public Health Grand Rounds (must register for 2 terms)	0
Electives	In consultation with advisor	0-3
Internal Review Board (IRB) Training	Internal Review Board (IRB) Online Training – see Student Services staff for details	0
Pitt Public Health Academic Integrity Module Training	Please refer to the Pitt Public Health website for more information about this school-wide graduation requirement.	0

Spring Term, Year 1

Course #	Course Title	Credits
BIOST 2049*	Applied Regression Analysis	3
EPIDEM 2004 (fall/spr/sum) OR EOH 3210 (spring)	Pathophysiology Across the Lifespan OR Pathophysiology of Environmental Disease	4 3
EPIDEM 2160 (spr 1 or spr 2)	Epidemiology of Infectious Diseases	2
EPIDEM 2180*	Fundamentals of Epidemiological Methods	3
EPIDEM 3183**	Reading, Analyzing, and Interpreting Public Health Medical Literature	3
EPIDEM 2250	Seminar in Epidemiology	1
EPIDEM 2600 (spr 1 or spr 2)	Introduction to Molecular Epidemiology	3
PUBHLT 2011	Essentials of Public Health (exempted with BSPH or MPH)	3
PUBHLT 2022	Dean's Public Health Grand Rounds (must register for 2 terms)	0
Electives	In consultation with advisor	0-3

Summer Term, Year 1

Course #	Course Title	Credits
EPIDEM 2004 (fall/spr/sum) OR EOH 3210 (spring)	Pathophysiology Across the Lifespan OR Pathophysiology of Environmental Disease	4 3
Electives	In consultation with advisor	0-6

Fall Term, Year 2

Course #	Course Title	Credits
EPIDEM 2170	Chronic Disease Epidemiology	2
EPIDEM 2181**	Design and Conduct of Clinical Trials	2
EPIDEM 2189	Epidemiological Methods of Longitudinal & Time-To-Event Analyses	3
EPIDEM 2210	Special Studies	Discuss w/ advisor
EPIDEM 2215 (fall/spr/sum)	Teaching Practicum	2
EPIDEM 2250	Seminar in Epidemiology	1
EPIDEM 2260	Epidemiologic Basis for Disease Control	2
XXXXX - XXXX[1]	Advanced Quantitative Course requirement	1-3
Electives	In consultation with advisor	0-3

Spring Term, Year 2		
EPIDEM 2160 (spr 1 or spr 2)	Epidemiology of Infectious Diseases	2
EPIDEM 2192	Causal Inference in Epidemiologic Research	3
EPIDEM 2210	Special Studies	Discuss w/ advisor
EPIDEM 2215 (fall/spr/sum)	Teaching Practicum	2
EPIDEM 2230 (spr 2 or spr 3)	Secondary Data Analysis: A Capstone Course	2
EPIDEM 2250	Seminar in Epidemiology	1
EPIDEM 2600 (spr 1 or spr 2)	Introduction to Molecular Epidemiology	3
XXXXX - XXXX[1]	Advanced Quantitative Course requirement	1-3
Electives	In consultation with advisor	0-4

Summer Term, Year 2		
EPIDEM 2210	Special Studies	Discuss w/ advisor
Electives	In consultation with advisor	0-6

Fall Term, Year 3		
EPIDEM 2193	Machine Learning and Bayesian Analysis in Epidemiological Research	3
EPIDEM 2210 OR EPIDEM 3100	Special Studies OR Research and Dissertation	Discuss w/ advisor
EPIDEM 2215 (fall/spr/sum)	Teaching Practicum	2
EPIDEM 2250	Seminar in Epidemiology	1
EPIDEM 2921	Grant Writing	3
PUBHLT 2030	Research Ethics and the Responsible Conduct of Research	1
XXXXX-XXXX[1]	Advanced Quantitative Course requirement	1-3
Electives	In consultation with advisor	0-4

Spring Term, Year 3		
EPIDEM 2210 OR EPIDEM 3100 OR FTDR 3999	Special Studies OR Research and Dissertation OR Full-Time Dissertation Research (determined by level of academic progress)	Discuss w/ advisor
EPIDEM 2215 (fall/spr/sum)	Teaching Practicum	2
EPIDEM 2230 (spr 2 or spr 3)	Secondary Data Analysis: A Capstone Course	2
EPIDEM 2250	Seminar in Epidemiology	1
Electives	In consultation with advisor	0-10

[1] **One advanced quantitative course is required. Choose from the following:**

BCHS 2991, BCHS 3002, BCHS 3015, BIOST 2016, BIOST 2050, BIOST 2066, EFOP 3408, HPM 3505, and HUGEN 2080
NOTE: HUGEN 2070 also qualifies as an advanced quantitative course. However, this course is no longer being offered.
REMINDER: Questions about other courses not on the above list that may qualify to meet this requirement should be discussed with your advisor. If your advisor agrees that the class might qualify, information about it should be forwarded to the Epidemiology Curriculum Committee Chair via the Epidemiology Student Services Manager.

OTHER PhD REQUIREMENTS (no credits involved): OTHER PhD REQUIREMENTS (no credits involved): Contact your academic advisor or the Epidemiology Student Services Manager smithl@pitt.edu for more information. They must be completed prior to graduation.

- **Primary Data Collection & Management Requirement**

- **Independent Development Plan (IDP) submission** (Doctoral students must submit IDP's annually. A reminder about this requirement will be emailed to students in spring term).

- **Presentation Training – Competency in Communication** (two presentations must be delivered)

*Course should be completed before sitting for the preliminary examinations unless exempted
**Students who have completed this course performed better on the preliminary exams than those who did not.