

**Doctor of Philosophy (PhD) Program in Epidemiology
Graduate School of Public Health - University of Pittsburgh**

Fall Term, Year 1 (matriculation as of fall 2021)

Course #	Course Title	Credits
BIOST 2041	Introduction to Statistical Methods	3
BIOST 2093 (spring) OR	SAS for Data Management and Analysis OR	2
EPIDEM 2185 (fall) OR	Introduction to SAS OR	2
EPIDEM 2186 (fall)	Introduction to R for Public Health	2
EPIDEM 2110	Principles of Epidemiology	3
EPIDEM 2004 (fall/spr/sum) OR	Pathophysiology Across the Lifespan OR	4
EOH 3210 (spring)	Pathophysiology of Environmental Disease	3
EPIDEM 2250	Seminar in Epidemiology	1
PUBHLT 2022	Dean's Public Health Grand Rounds	0
Internal Review Board (IRB) Module Training	NOTE: IRB module training should be completed by October 15 th , of the first term following your matriculation.	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
Electives XXXX	In consultation with advisor	0 - 3

Spring Term, Year 1

BIOST 2049	Applied Regression Analysis	3
BIOST 2093 (spring) OR	SAS for Data Management and Analysis OR	2
EPIDEM 2185 (fall) OR	Introduction to SAS OR	2
EPIDEM 2186 (fall)	Introduction to R for Public Health	2
EPIDEM 2160	Epidemiology of Infectious Diseases	2
EPIDEM 2180	Epidemiologic Methods 1	3
EPIDEM 2600	Introduction to Molecular Epidemiology	3
EPIDEM 2250	Seminar in Epidemiology	1
PUBHLT 2011	Essentials of Public Health	3
EPIDEM 2004 (fall/spr/sum) OR	Pathophysiology Across the Lifespan OR	4
EOH 3210 (spring)	Pathophysiology of Environmental Disease	3
PUBHLT 2022	Dean's Public Health Grand Rounds	0
Electives XXX	In consultation with advisor	0-6

Summer Term, Year 1

EPIDEM 2183	Reading, Analyzing, and Interpreting Public Health Medical Literature	2
EPIDEM 2004 (fall/spr/sum) OR	Pathophysiology Across the Lifespan OR	4
EOH 3210 (spring)	Pathophysiology of Environmental Disease	3
Electives XXX	In consultation with advisor	0-6

Fall Term, Year 2

EPIDEM 2004 (fall/spr/sum) OR	Pathophysiology Across the Lifespan OR	4
EOH 3210 (spring)	Pathophysiology of Environmental Disease	3
EPIDEM 2170	Chronic Disease Epidemiology	2
EPIDEM 2181	Design and Conduct of Clinical Trials	2
BIOST 2050 (fall) OR	Longitudinal and Clustered Data Analysis OR	2
BIOST 2066 (fall) ¹	Applied Survival Analysis: Methods and Practice	2
EPIDEM 2189	Epidemiological Methods of Longitudinal & Time-To-Event Analyses	3
EPIDEM 2250	Seminar in Epidemiology	1
EPIDEM 2260	Epidemiologic Basis for Disease Control	2
EPIDEM 2210 OR	Special Studies-Essay OR	Discuss
EPIDEM 3100 OR	Research and Dissertation OR	w/advisor

FTDR 3999	Full Time Dissertation Research. (determined by level of academic progress)	
Electives XXX	In consultation with advisor	0-4
Spring Term, Year 2		
EPIDEM 2191	Advanced Theory and Methods for the Analysis of Epidemiological Data	3
EPIDEM 2215	Teaching Practicum	2
EPIDEM 2230	Secondary Data Analysis: A Capstone Course (or Spring Term, Year 3)	2
EPIDEM 2250	Seminar in Epidemiology	1
EPIDEM 2600	Introduction to Molecular Epidemiology	3
EPIDEM 2210 OR EPIDEM 3100 OR FTDR 3999	Special Studies-Essay OR Research and Dissertation OR Full-Time Dissertation Research. Discuss research registration with advisor.	Discuss w/ advisor
Electives XXX	In consultation with advisor	0-6
Summer Term, Year 2		
EPIDEM 2004 (fall/spr/sum) OR EOH 3210 (spring)	Pathophysiology Across the Lifespan OR Pathophysiology of Environmental Disease	4 3
EPIDEM 2210 OR EPIDEM 3100 OR FTDR 3999	Special Studies-Essay OR Research and Dissertation OR Full-Time Dissertation Research (determined by level of academic progress)	Discuss w/ advisor
Electives XXX	In consultation with advisor	0-6
Fall Term, Year 3		
EPIDEM 2215	Teaching Practicum	2
BIOST 2050 (fall) OR BIOST 2066 (fall) ¹	Longitudinal and Clustered Data Analysis Applied Survival Analysis: Methods and Practice	2 2
EPIDEM 2921	Grant Writing	3
PUBHLT 2030	Research Ethics and the Responsible Conduct of Research	1
EPIDEM 2210 OR EPIDEM 3100 OR FTDR 3999	Special Studies-Essay OR Research and Dissertation OR Full-Time Dissertation Research (determined by level of academic progress)	Discuss w/ advisor
Electives XXX	In consultation with advisor	0-4

¹Two advanced quantitative courses are required. The following can be substituted for BIOST 2050 and/or BIOST 2066:

BCHS 3002, BCHS 3015, BIOST 2016, BIOST 2062, BIOST 2086, and PSYED 3408.
Other courses may qualify at advisor discretion.

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 or summer term).
- **Presentation Training – Competency in Communication** (two presentations must be delivered)