

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

**Fall Term, Year 1 (matriculation as of fall 2018)**

<b>Course #</b>	<b>Course Title</b>	<b>Credits</b>
BIOST 2041	Introduction to Statistical Methods	3
EPIDEM 2185 (fall) OR BIOST 2093 (spring)	Introduction to SAS OR SAS for Data Management and Analysis	2 2
EPIDEM 2110	Principles of Epidemiology	3
EPIDEM 2004 (fall/spr/sum) OR EOH 3210 (spring)	Pathophysiology Across the Lifespan OR Pathophysiology of Environmental Disease	4 3
EPIDEM 2250	Seminar in Epidemiology	1
PUBHLT 2022	<a href="#">Dean's Public Health Grand Rounds</a>	0
Internal Review Board (IRB) Module Training	<b>NOTE:</b> IRB module training should be completed by the end 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
EPIDEM 2185 (fall) OR BIOST 2093 (spring)	Introduction to SAS OR SAS for Data Management and Analysis	2 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 EOH 3210 (spring)	Pathophysiology Across the Lifespan Pathophysiology of Environmental Disease	4 3
PUBHLT 2022	Dean's Public Health Grand Rounds	0
Electives XXXX	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 EOH 3210 (spring)	Pathophysiology Across the Lifespan OR Pathophysiology of Environmental Disease	4 3
Electives XXXX	In consultation with advisor	0-6

**Fall Term, Year 2**

EPIDEM 2004 (fall/spr/sum) OR EOH 3210 (spring)	Pathophysiology Across the Lifespan OR Pathophysiology of Environmental Disease	4 3
EPIDEM 2160	Epidemiology of Infectious Diseases	2
EPIDEM 2170	Chronic Disease Epidemiology	2
EPIDEM 2181	Design and Conduct of Clinical Trials	2
BIOST 2050 (fall) OR BIOST 2066 (fall) <sup>1</sup>	Longitudinal and Clustered Data Analysis OR Applied Survival Analysis: Methods and Practice	2 2
EPIDEM 2187	Epidemiologic Methods 2	3
EPIDEM 2250	Seminar in Epidemiology	1

EPIDEM 2260	Epidemiologic Basis for Disease Control	2
Electives XXXX	In consultation with advisor	0-4
<b>Spring Term, Year 2</b>		
EPIDEM 2215	Teaching Practicum	2
EPIDEM 2230	Advanced Topics in Epidemiological Methods	2
EPIDEM 2250	Seminar in Epidemiology	1
EPIDEM 2600	Introduction to Molecular Epidemiology	3
EPIDEM 3100 OR FTDR 3999	Research and Dissertation OR Full-Time Dissertation Research	3+ 0
EPIDEM 2921	Grant Writing	3
Presentation training	Competency in Communication	0
Electives XXXX	In consultation with advisor	0-6
<b>Summer Term, Year 2</b>		
EPIDEM 2004 (fall/spr/sum) OR EOH 3210 (spring)	Pathophysiology Across the Lifespan OR Pathophysiology of Environmental Disease	4 3
Electives XXXX	In consultation with advisor	0-6
<b>Fall Term, Year 3</b>		
EPIDEM 2215	Teaching Practicum	2
BIOST 2050 (fall) OR BIOST 2066 (fall) <sup>1</sup>	Longitudinal and Clustered Data Analysis Applied Survival Analysis: Methods and Practice	2 2
PUBHLT 2030	Research Ethics and the Responsible Conduct of Research	1
Electives XXXX	In consultation with advisor	0-4

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

**Fall term**

- **BCHS 3015** – Community Mapping and Introductory Spatial Analysis
- **BIOST 2016** – Sample Design and Analysis

**Spring term**

- **BCHS 3002** – Health Survey Methods
- **BIOST 2062** – Clinical Trials: Methods and Practice
- **BIOST 2086** – Applied Mixed Models Analysis
- **PSYED 3408** – Hierarchical Linear Modeling

BIOST 2046 also meets this requirement but is no longer offered.

PSYED 3417 is currently not being offered. Please contact the PSYED Department ([psyed@pitt.edu](mailto:psyed@pitt.edu)) for details on the next term the course will be offered.

Other courses may qualify at advisor discretion.

**Check departmental scheduling information to confirm offering cycles, as they may change.**

**OTHER PhD REQUIREMENTS:** Contact your academic advisor or Lori S. Smith ([smithl@pitt.edu](mailto:smithl@pitt.edu)), Epidemiology Student Affairs Manager & Program Administrator, for more information. There are no credits associated with these requirements.

- **Primary Data Collection & Management Requirement** (completion required prior to graduation)

- **Independent Development Plan (IDP) submission** (annual submission required / spring term)