

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

**Fall Term, Year 1 (matriculation as of fall 2020)**

<b>Course #</b>	<b>Course Title</b>	<b>Credits</b>
BIOST 2041	Introduction to Statistical Methods	3
BIOST 2093 (spring) OR EPIDEM 2185 (fall)	SAS for Data Management and Analysis OR Introduction to SAS	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	Dean's Public Health Grand Rounds	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
BIOST 2093 (spring) OR EPIDEM 2185 (fall)	SAS for Data Management and Analysis OR Introduction to SAS	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 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 EOH 3210 (spring)	Pathophysiology Across the Lifespan OR Pathophysiology of Environmental Disease	4 3
Electives XXX	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 2189	Epidemiological Methods of Longitudinal & Time-To-Event Analyses	3
EPIDEM 2250	Seminar in Epidemiology	1
EPIDEM 2260	Epidemiologic Basis for Disease Control	2
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
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EPIDEM 2215	Teaching Practicum	2
EPIDEM 2230	Secondary Data Analysis: A Capstone Course	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
Electives XXX	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 XXX	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
EPIDEM 2921	Grant Writing	3
PUBHLT 2030	Research Ethics and the Responsible Conduct of Research	1
Electives XXX	In consultation with advisor	0-4

<sup>1</sup>Two 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.

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

Other courses may qualify at advisor discretion.

**OTHER PhD REQUIREMENTS:** Contact your academic advisor or the Epidemiology Student Services Manager [smithl@pitt.edu](mailto:smithl@pitt.edu) for more information. There are no credits associated with these requirements. 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)