

Epidemiology PhD Plan of Study
Chronic Disease/Lifecourse Epidemiology
Effective Fall 2018

Core Curriculum		
-----------------	--	--

CPH:6100	Essentials of Public Health	2 s.h. Fall
BIOS:4120	Introduction to Biostatistics	3 s.h. Fall, Spring Summer
EPID:4400	Epidemiology I: Principles	3 s.h. Fall, Spring Summer
EPID:5241	Statistical Methods in Epidemiology	4 s.h. Spring
EPID:5600	Intro to Epidemiologic Data Management and Analysis	3 s.h. Fall
EPID:5610	Intermediate Epidemiology Data Analysis with SAS and R	3 s.h. Spring
EPID:6050	Research in Epidemiology	3 s.h. Fall, Spring Summer
EPID:6100	Writing a Grant Proposal	3 s.h. Fall, Spring
EPID:7400	Epidemiology II: Advanced Methods	4 s.h. Spring
CPH:7270	Principles of Scholarly Integrity: Public Health	1 s.h. Fall, Spring
EPID:7400	Epidemiology III: Theories	3 s.h. Fall odd years
Choose 1 of the following 2 courses:		
BIOS:6310	Introductory Longitudinal Data Analysis	3 s.h. Fall
BIOS:6210	Applied Survival and Cohort Data Analysis	3 s.h. Spring
Choose 1 of the following 2 courses:		
PATH:8133	Introduction to Human Pathology	4 s.h. Fall
PATH:5270	Pathogenesis of Major Human Diseases	3 s.h. Spring
Choose 1 of the following 2 courses:		
HHP:3500	Human Physiology	3 s.h. Fall, Spring Summer
MPB:5153	Graduate Physiology	4 s.h. Fall
Total Core Course Requirements		42-43 s.h.

Electives		
-----------	--	--

Strongly Recommended:

EPID:7200	Teaching in Epidemiology	3 s.h.	Fall, Spring
See research interest area course section for requirements			
At least 3 s.h. of epidemiology courses (EPID) outside the interest area		3 s.h.	
Total Electives		26-28 s.h.	

(must be approved by advisor and PhD Plan of Study Committee)

Dissertation

EPID:7000 10-18 s.h.

Total Dissertation 10-18 s.h.

Additional Requirements

EPID:5925 Epidemiology Journal Club (5 semesters required) 0 s.h.

Epidemiology Seminar 80% attendance each semester required

Total semester hours required (minimum) 78 s.h.

Chronic Disease/Life Course Research Interest Area Courses

Students interested in chronic disease/life course epidemiology will take the following three courses:

EPID:5500	Introduction to Clinical Epidemiology	3 s.h.	Fall
EPID:6250	Genetics and Epidemiology	3 s.h.	Spring
EPID:6600	Epi/Lifecourse of Chronic Disease	3 s.h.	Fall

In addition, students will choose at least 14 s.h. from the following recommended courses. Students should select courses in consultation with their advisor to reflect their research interest area (e.g. unintentional injury and violence prevention, occupational and environmental epidemiology, program/intervention development and evaluation, pharmacoepidemiology, or behavioral health):

EPID:5540	Public Health Surveillance Mechanisms, Applications and Data	3 s.h.	Fall
EPID:5560	Introduction to Molecular Epidemiology	3 s.h.	Variable
EPID:6000	Independent Study in Epidemiology (Epi of Aging or Neuroepidemiology)	2 s.h.	Fall, Spring
EPID:6075	Health Equity and Social Justice	3 s.h.	Spring
EPID:6200	Environmental and Occupational Epidemiology	3 s.h.	Spring
EPID:6350	Nutritional Epidemiology	2 s.h.	Spring even years
EPID:6360	Nutrition Intervention in Clinical Trials Research	2 s.h.	Fall
EPID:6370	Nutrition Intervention in Research Lab	3 s.h.	Fall
EPID:6420	Survey Design & Analysis	3 s.h.	Spring even years
EPID:6570	Infectious Causes of Chronic Diseases	3 s.h.	Spring even years
EPID:6700	Cancer Epidemiology and Control	3 s.h.	Spring odd years
EPID:6900	Intervention and Clinical Trials	3 s.h.	Fall
EPID:6910	Pharmacoepidemiology	3 s.h.	Fall even years
EPID:6950	Clinical Research Ethics	2 s.h.	Spring
CBH:5220	Health Behavior and Health Education	3 s.h.	Fall
CBH:5435	Substance Abuse Prevention & Early Intervention	3 s.h.	Spring even years
CBH:6205	Designing and Implementing Interventions	3 s.h.	Spring
FRRB:7001	Molecular and Cellular Biology of Cancer	3 s.h.	Fall odd years
GENE:7191	Human Molecular Genetics	3 s.h.	Spring even years
GEOG:4150	Health and Environment: GIS Applications	3 s.h.	Fall

OEH:4240	Global Environmental Health	3 s.h.	Spring
OEH:5710	Environmental Toxicology	3 s.h.	Spring
Total Research Interest Area Electives Electives		23 s.h.	

Non-Interest Area Elective(s)

At least 3 s.h. of epidemiology courses (EPID) outside the interest area 3 s.h.

Total Non-Interest Area Electives 3 s.h.

Dissertation

EPID:7000 Dissertation 10-18 s.h.

Total Dissertation 10-18 s.h.

Additional Requirements

EPID:5925 Epidemiology Journal Club (*5 semesters required*) 0 s.h.

Epidemiology Seminar 80% attendance each semester of enrollment

Total semester hours required (minimum) 78 s.h.