



2017-2018 Curriculum Guide for Master of Public Health degree program with a specialization in EPIDEMIOLOGY

The Master of Public Health (MPH) degree program is designed to provide students with the knowledge and skills for general and specialized applied public health practice, both in the public sector and in private sector careers related to population health. It includes courses within public health's core disciplines of biostatistics, environmental health science, epidemiology, health behavior & health promotion, and health services management and policy. This broad training is complemented by the more in-depth course work within the specialization including a practicum and culminating experience.

Students admitted to the MPH degree program are assigned a faculty advisor who will provide guidance throughout the program. This document serves as a resource to be used by the student and the advisor in planning a program with a specialization in Epidemiology (EPI), but is not inclusive of all important degree, college, and university requirements. All students are expected to be familiar with the College of Public Health (CPH) *Graduate Student Handbook* (available at <http://cph.osu.edu/students/graduate/handbooks>) and with the *Graduate School Handbook* (available at <http://www.gradsch.ohio-state.edu/>).

PROGRAM OF STUDY

The MPH-EPI curriculum consists of a minimum of 48 credits organized into five curricular domains:

1. Core courses in areas of knowledge basic to public health (16 credits)
2. EPI Specialization courses (19-22 credits)
3. Approved Electives (5-8 credits)
4. Practicum (2 credits)
5. Culminating Project Seminar & Culminating Project (3 credits)

Public Health Core Courses (16 credits)

Every student in the MPH-EPI program must take the following courses in areas of knowledge basic to public health:

Biostatistics PUBHBIO 6210	Design and Analysis of Studies in the Health Sciences	3 credits
Environmental Health Sciences PUBHEHS 6310	Principles of Environmental Health Science	3 credits
Epidemiology PUBHEPI 6430	Epidemiology I & Lab	4 credits
Social and Behavioral Sciences PUBHHBP 6510	Preventing Disease and Promoting Health through Behavioral Science	3 credits
Health Services Administration PUBHHMP 6610	Introduction to Health Care Organization	3 credits

Required Courses in the Specialization (19-22 credits)

PUBHBIO 6211	Design & Analysis of Studies in the Health Sciences II	3 credits
PUBHBIO 6270	Introduction to SAS for Public Health Students	2 credits
PUBHEPI 6411 [^]	Biological Basis of Public Health	3 credits
PUBHEPI 6431	Design & Implementation of Health Surveys	3 credits
PUBHEPI 7410	Epidemiology II & Lab	4 credits
PUBHEPI 7430	Epidemiology III	4 credits
One additional biostatistics course (choose from PUBHBIO 6212, 7220, 7255, 7230, 7235)		3 credits

[^]Required for students who do not have an MD, DVM, or equivalent clinical degree

****Questions regarding the student's program of study should be directed to the advisor****

Electives (5-8 credits)

PUBHEPI 5411 Outbreak Investigations	3 credits	‡PUBHEPI 6441 Women's Health Issues	3 credits
PUBHEPI 5412 Infectious Disease in the Developing World	3 credits	PUBHEPI 7411 Environmental Epidemiology	3 credits
PUBHEPI 5438 Cardiovascular Disease Epidemiology	3 credits	PUBHEPI 7412 Principles & Procedures for Human Clinical Trials	3 credits
‡PUBHEPI 6415 Nutrition in Public Health	3 credits	‡PUBHEPI 7413 Molecular Epidemiology of Cancer	3 credits
PUBHEPI 6432 Injury Epidemiology	2 credits	‡PUBHEPI 8411 Epidemiology of Obesity	3 credits
‡PUBHEPI 6433 Psychiatric Epidemiology	2 credits	‡PUBHEPI 8412 Group-Randomized Trials	3 credits
‡PUBHEPI 6434 Tuberculosis: a Public Health Issue	2 credits	PUBHEPI 8413 Molecular Epidemiology of Infectious Disease	3 credits
‡PUBHEPI 6435 Chronic Disease Epidemiology	3 credits		
PUBHEPI 6436 Infectious Disease Epidemiology	3 credits		
PUBHEPI 6437 Cancer Epidemiology	3 credits		
‡PUBHEPI 6439 Genetic Epidemiology	3 credits		
PUBHEPI 6440 Reproductive and Perinatal Epidemiology	3 credits		

‡Not offered 2017/2018

Practicum

PUBHLTH 7189 Practicum in Public Health	2 credits
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Culminating Project

PUBHEPI 7998 Culminating Project Seminar	1 credit
PUBHLTH 7998 Culminating Project in Public Health	2 credits

Sample Curriculum Plan for the Master of Public Health in Epidemiology

(This is one option. Other options that are consistent with curriculum guide are acceptable. Students are advised to consult their advisor)

Year 1 Autumn	PUBHEPI 6411 PUBHEPI 6430 PUBHBIO 6210 PUBHBIO 6270	Biological Basis of Public Health Epidemiology I & Lab Design and Analysis of Studies in the Health Sciences I Introduction to SAS for Public Health Students	3 credits 4 credits 3 credits 2 credits	AU AU AU, SP AU, SP
Year 1 Spring	PUBHEPI 6431 PUBHEPI 7410 PUBHBIO 6211 CPH CORE	Design & Implementation of Health Surveys Epidemiology II & Lab Design and Analysis of Studies in the Health Sciences II PUBHEHS 6310 OR PUBHHBP 6510 OR PUBHHMP 6610	3 credits 4 credits 3 credits 3 credits	SP SP SP AU, SP
Year 1 Summer	PUBHLTH 7189	Practicum	2 credits	ANY
Year 2 Autumn	PUBHEPI 7430 PUBHEPI 7998 PUBHBIO CPH CORE ELECTIVE	Epidemiology III Culminating Project Seminar An APPLIED BIostatistics COURSE PUBHEHS 6310 OR PUBHHBP 6510 OR PUBHHMP 6610	4 credits 1 credits 3 credits 3 credits 3 credits	AU AU ANY AU, SP AU, SP
Year 2 Spring	PUBHLTH 7998 CPH CORE ELECTIVE	Culminating Project in Public Health PUBHEHS 6310 OR PUBHHBP 6510 OR PUBHHMP 6610	2 credits 3 credits 3 credits	ANY AU, SP AU, SP

Grade Policy:

In addition to the general Graduate School requirements of a cumulative grade point average of 3.0 or higher, students must meet specific college policies regarding grades in Core and specialization courses. Students should familiarize themselves with Section 11 of the College of Public Health Graduate Student Handbook.

Office of Academic Programs and Student Services (OAPSS)

OAPSS staff are available to provide assistance with College, Graduate School and University policies and procedures. Students can make an appointment with a staff member in OAPSS by calling (614) 292-8350.
OAPSS address: 100 Cunz Hall/1841 Neil Ave/Columbus, Ohio/ 43210/cph.osu.edu

*****Questions regarding the student's program of study should be directed to the advisor*****