THE OHIO STATE UNIVERSITY
COLLEGE OF PUBLIC HEALTH

2020-2021 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 foundation 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: http://cph.osu.edu/students/graduate/handbooks, the Graduate School Handbook http://www.gradsch.ohio-state.edu/ and the CPH competencies: https://go.osu.edu/cphcompetencies.

PROGRAM OF STUDY

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

1. Foundation 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 Foundation 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**
- PUBHMP 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 6250, 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****
**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 6430 | PUBHBIOS 6210 | PUBHBIO 6270 | 2 CPH Foundation Courses | Epidemiology I & Lab Design and Analysis of Studies in the Health Sciences I Introduction to SAS for Public Health Students PUBHEHS 6130/PUBHBIO 6510/PUBHHMP 6610 | 4 credits | AU | 3 credits | AU | 2 credits | AU, SP | 6 credits | AU, SP |
| Year 1 | Spring | PUBHEPI 6431 | PUBHEPI 7410 | PUBHBIO 6211 | 1 CPH Foundation Course | Design & Implementation of Health Surveys Epidemiology II & Lab Design and Analysis of Studies in the Health Sciences II PUBHEHS 6310 OR PUBHHMP 6510 OR PUBHHMP 6610 | 3 credits | SP | 4 credits | SP | 3 credits | SP | 3 credits | SP |
| Year 1 | Summer | PUBHLTH 7189 | | | | Practicum | 2 credits | ANY | | | | | | |
| Year 2 | Autumn | PUBHEPI 7430 | PUBHEPI 7998 | PUBHBIO #### ELECTIVE | | Epidemiology III Culminating Project Seminar An APPLIED BIOSTATISTICS COURSE | 4 credits | AU | 1 credit | AU | 3 credits | AU, SP | 3-5 credits | AU, SP |
| Year 2 | Spring | PUBHEPI 6411 | PUBHLTH 7998 | ELECTIVE | | Biological Basis of Public Health Culminating Project in Public Health | 3 credits | SP | 2 credits | SP | 3-5 credits | SP | | |

**Graduate 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 Foundation and specialization courses. Students should familiarize themselves with Section 11 of the College of Public Health Graduate Student Handbook.

**College of Public Health - Office of Academic Programs and Student Services (OAPSS)**

OAPSS staff are available to provide assistance with College, Graduate School and University policies and procedures.

(614) 292-8350/100 Cunz Hall/1841 Neil Ave/Columbus, Ohio/ 43210/cph.osu.edu

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