THE OHIO STATE UNIVERSITY
COLLEGE OF PUBLIC HEALTH

Effective Autumn 2026

2026-2027 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 an Applied Practice Experience and Integrative Learning Experience. Students admitted to the MPH degree program will work with the Director of Masters Programs who will provide guidance in the first year and throughout the program. Students will work with the Applied Practice Experience advisor starting in Spring of their first year. Students will be assigned a faculty advisor in Spring of first year to work on Integrative Learning Experience and for second year advising. This document serves as a resource to be used by the student and the advisors in planning a program with a specialization in Epidemiology (EPI), but is not inclusive of all important degree, college, and university requirements. This is not considered an on-line degree program; however, students will enroll in a combination of courses designed for on-campus in-person delivery (IP), distance learning (DL), or hybrid (HY). All students are expected to be familiar with the College of Public Health (CPH) *Graduate Student Handbook*: https://cph.osu.edu/students/graduate/student-handbook, the *Graduate School Handbook:* https://gradsch.osu.edu/graduate-school-handbook-gsh and the CPH competencies: https://go.osu.edu/cphcompetencies.

PROGRAM OF STUDY

The MPH-EPI curriculum consists of a minimum of 45 credit hours organized into five curricular domains:

1. MPH Foundational Curriculum (12 credit hours)
2. EPI Specialization courses (22-25 credit hours)
3. Approved Electives (3-6 credit hours)
4. Applied Practice Experience (2 credit hours)
5. Integrative Learning Experience Seminar & Integrative Learning Experience (3 credit hours)
6. Interprofessional Practice and Education (IPE) activities (0 credit hours)*

*In addition to credit hour requirements, the College of Public Health requires all MPH students to participate in IPE activities. To meet this requirement, students will complete IPE activities through the Office of Interprofessional Practice and Education.

MPH Foundational Curriculum (12 credit hours)

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

PUBHBIO 6210	Applied Biostatistics I	3 credit hours
PUBHEPI 6430	Epidemiology I	3 credit hours
PUBHLTH 6013	Current Topics in Environmental Public Health	2 credit hours
PUBHLTH 6015	Frameworks for Change: Planning and Evaluating Public Health Programs	2 credit hours
PUBHLTH 6016	Public Health and Healthcare Systems	2 credit hours

Required Courses in the Specialization (22-25 credit hours)

PUBHBIO 6211	Applied Biostatistics II	3 credit hours
PUBHBIO 6270	Introduction to SAS for Public Health Students	2 credit hours
PUBHEPI 6411	Biological Basis of Public Health (required for students without a clinical degree)	3 credit hours
PUBHEPI 6442	Methods in Social Epidemiology	3 credit hours
PUBHEPI 6431	Design & Implementation of Health Surveys	3 credit hours
PUBHEPI 7410**	Epidemiology II & Lab	4 credit hours

PUBHEPI 7430** Epidemiology III 4 credit hours

One Applied Biostatistics course 3 credit hours

PUBHBIO 6250 Regression Methods for the Health Sciences is recommended. Other course options are: PUBHBIO 7220, 7225, 7230, 7235, 7255.

Electives (3-6 credit hours) Electives may be selected from other courses offered by the College of Public of Health, or elsewhere in the University with approval of the advisor. Students who take PUBHEPI 6411 only need 3 credit hours of electives.

Course Number and Title and Term	Credit Hours	Course Number and Title and Term	Credit Hours
PUBHEPI 5412 Global Epi of Infectious Disease (SP27)	3	‡PUBHEPI 6437 Cancer Epidemiology	3
‡PUBHEPI 5438 Cardiovascular Disease Epidemiology	3	‡PUBHEPI 6440 Reproductive and Perinatal Epidemiology	3
PUBHEPI 6412 Basic Principles of Clinical and Translational Science (AU26)	2	PUBHEPI 6441 Epidemiology of Women's Health	3
PUBHEPI 6413 Conducting and Communicating Research in Clinical and Translational Science (SP27)	2	‡PUBHEPI 7411 Epidemiology in Environmental Health	3
PUBHEPI 6415 Nutrition in Public Health (SP27)	3	PUBHLTH 6000 Introduction to Global Health (AU26)	2
‡PUBHEPI 6432 Injury Epidemiology	2	PUBHLTH 7000 Public Health in Developing Countries (SP27)	3
PUBHHBP 6435 Chronic Disease Epidemiology (SP27)	3	‡PUBHHMP 7686 Qualitative Methods Health Research	4
‡PUBHEPI 6436 Infectious Disease Epidemiology	3		

‡*Not offered in 26-27*

Applied Practice Experience

PUBHLTH 7189 Applied Practice Experience 2 credit hours

Integrative Learning Experience

PUBHEPI 7998 Integrative Learning Experience Seminar 1 credit hour

PUBHLTH 7998 Integrative Learning Experience 2 credit hours

Curriculum Plan for the Master of Public Health in Epidemiology

Students who want to deviate from the proposed plan below are advised to consult their advisor to ensure the logistical feasibility.

TERM	COURSE	COURSE TITLE	CREDIT HOURS	TERM(S) OFFERED	DELIVERY MODE
Year 1 Autumn	PUBHBIO 6210	Applied Biostatistics I	3	AU, SP	IP
	PUBHEPI 6430	Epidemiology I	3	AU	HY
	PUBHBIO 6270	Introduction to SAS for Public Health students	2	AU	IP
	PUBHEPI 6411	Biological Basis of Public Health	3	AU	IP
	ELECTIVE(S)		0-6	AU, SP	DL or IP
Year 1 Spring	PUBHLTH 60##	MPH Foundational Course (Select from PUBHLTH 6015, 6016)	2		DL
	PUBHEPI 7410	Epidemiology II & Lab	4	SP	IP
	PUBHBIO 6211	Applied Biostatistics II	3	AU, SP	IP
	ELECTIVE(S)		0-6	AU, SP	IP or DL
Year 1 Summer	PUBHLTH 7189	Applied Practice Experience	2	ANY	
Year 2 Autumn	PUBHEPI 6442	Methods in Social Epidemiology	3	AU	IP
	PUBHEPI 7430	Epidemiology III	4	AU	IP
	PUBHEPI 7998	Integrative Learning Experience Seminar	1	AU	IP
	PUBHBIO 6250	Regression Methods for the Health Sciences	3	AU	DL
	ELECTIVE(S)		0-6	AU, SP	DL or IP
Year 2 Spring	PUBHLTH 7998	Integrative Learning Experience	2	ANY	
	PUBHEPI 6431	Design & Implementation of Health Surveys	3	SP	IP
	PUBHLTH 60##	MPH Foundational Course (Select from PUBHLTH 6013, 6015, 6016)	2		DL
	PUBHLTH 60##	MPH Foundational Course (Select from PUBHLTH 6013, 6015, 6016)	2		DL
	ELECTIVE(S)		0-6	AU, SP	DL or IP

**After completion of the EPI course sequence, students should be able to: Demonstrate an ability to access, manage, and analyze large public-use data sets used in epidemiology, Choose the correct analysis for data obtained from an epidemiologic investigation, Analyze and interpret data obtained from an epidemiologic investigation, Assess confounding and effect modification in data from an epidemiologic investigation, Develop visuals and communicate findings from an epidemiologic analysis to academic and non-academic audiences.

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 Foundation and specialization courses. Students should familiarize themselves with Section 12 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 assist with College, Graduate School and University policies and procedures. (614) 292-8350 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.