

Combined (3+2) Curriculum Guide

BSPH – Environmental Public Health / MPH – Epidemiology

General Education Requirements		
Requirement	Course Options	Credit Hours
GE Launch Seminar	GENED 1201	1
Writing and Information Literacy	<i>Student Choice</i>	3
Mathematical and Quantitative Reasoning	Specialization corequisite: MATH 1148 & 1149 or 1150*	5-7
Literary, Visual and Performing Arts	<i>Student Choice</i>	3
Historical and Cultural Studies	<i>Student Choice</i>	3
Natural Sciences	Major corequisite: BIOLOGY 1101 or 1110 or 1113.01 or 1113.02 or 1114*	4-5
Social and Behavioral Sciences	<i>Student Choice</i>	3
Race, Ethnicity and Gender Diversity	<i>Student Choice</i>	3
Theme: Citizenship for a Diverse and Just World	<i>Student Choice^a</i>	4-6
Theme: Student Choice	<i>Student Choice^a</i>	4-6
GE Reflection	GENED 4001	1
General Education Credit Hours:		34-41

*Indicates a corequisite course for this major that also satisfies this GE category. If a student makes an alternative selection in this GE category, they must also complete this course.

^a Students must complete either a 4-credit course or two 3-credit courses in each of two General Education Theme areas. One course in each GE Theme area may double count in the GE and major hours. Major required courses that are also theme courses are identified with a ♦ symbol. Courses that can fulfill General Education requirements are listed at: <https://classes.osu.edu>

Major Prerequisite Course – must be completed with a grade of C or higher

Course/Requirement	Title	Credit Hours
PUBHLTH 2010 or 2010H ♦	Critical Issues in Global Public Health	3
Major Prerequisite:		3

Major Core Courses

Course/Requirement	Title	Credit Hours
PUBHLTH 1100 or 1100H	Survey of Public Health	1
PUBHBIO 2210 or 2210H (EL: Data Analysis)	Biostatistics for Public Health Research	3
PUBHEHS 3310 ♦	Current Issues in Global Environmental Health	3
PUBHEPI 2410 ♦	Epidemiology in Public Health	3
PUBHHBP 3510 ♦	Role of Behavior in Public Health	3
PUBHHMP 3610 ♦	U.S. and International Health Care	3
PUBHEPI 4410	Conceptual Foundations of Social Epidemiology (prereq: PUBHEPI 2410)	3
ENGLISH 3307 (EL: Adv. Writing)	Writing for Healthy Publics	3
PUBHLTH 3050	Public Health Perspectives on Disease (prereq: biology course)	3
PUBHLTH 3060 (EL: Technology)	Technology, Innovation, and Public Health	3
PUBHLTH 4060	US and International Health Policy (prereq: PUBHHMP 3610)	3
PUBHLTH 3180 or 3180E	Undergraduate Capstone Preparation	1
Capstone Experience (choose one)	PUBHLTH 3191/3191E Undergraduate Internship in Public Health PUBHLTH 3998 Undergraduate Capstone Research in Public Health (formerly 3999) PUBHLTH 4999 Undergraduate Research Thesis PUBHLTH 4999.01H Senior Honors Thesis PUBHLTH 3189.05 Field Experience in Global Public Health: Costa Rica EARTHSCI 5797.20 Exploring Environmental and Human Health Issues in Japan (3 cr) Other pre-approved (by CPH) Education Abroad Experience	2-3
Major Core Requirements:		34-35

*EL = Embedded Literacy

Specialization Courses

Course/Requirement	Title	Credit Hours
EARTHSC 3411	Water Security for the 21 st Century (SP)	3
PUBHEHS 4530/FDSCTE 4536	Food Safety & Public Health (AU) (prereq: MICROBIO 4000 or 4100)	3
PUBHEHS 5315	Principles of Toxicology (SP)	3
PUBHEHS 5340	Air Contaminants & Public Health (SP)	3
Specialization Requirements:		12

Specialization Supporting Courses

Course	Title	Credit Hours
CHEM 1210	General Chemistry I (prereq: C- or above in MATH 1148/1149 or 1150)	5
CHEM 1220	General Chemistry II (prereq: CHEM 1210, C- or above in Math 1148 or above)	5
CHEM 2510	Organic Chemistry I (prereq: CHEM 1220, C- or above in Math 1148 or above)	4
CHEM 2540	Organic Chemistry Lab I (prereq: CHEM 1220, C- or above in Math 1148 or above)	2
MICROBIOLOGY 4000.01 or 4000.02	Basic and Practical Microbiology (prereq: GE Natural Science Biology course)	4
PHYSICS 1200	Mechanics, Kinematics, Fluids, Waves (prereq: MATH 1148/1149 or 1150)	5
Specialization Non-Major Requirements:		25

Overlap between BSPH and MPH

Students in the combined degree program take PUBHEHS 5335 at the graduate level as the elective for MPH-EPI and take PUBHEPI 6340 and PUBHBIO 6210 to replace 6 credit hours of BSPH major electives.

Course/Requirement	Title	Credit Hours
PUBHEHS 5335	Ecology of Infectious Diseases (SP) (prereq: one undergraduate Biology course)	3
PUBHEPI 6340	Epidemiology I	3
PUBHBIO 6210	Applied Biostatistics I	3
Overlapping Credits:		9

The Office of Academic Programs and Student Services will register students for these courses in order for them to double count between the BSPH and MPH degrees.

Open Electives (Undergraduate)

Course/Requirement	Title	Credit Hours
Student Choice	Select desired courses to reach minimum 121 credit hours	0-4
Total Minimum Credit Hours for Degree:		121

Graduate Courses Unique to the MPH – Epidemiology Specialization

Course/Requirement	Title	Credit Hours
PUBHBIO 6211	Applied Biostatistics II	3
PUBHBIO 6250	Regression Methods for the Health Sciences	3
PUBHBIO 6270	Introduction to SAS for Public Health Students	2
PUBHEPI 6411	Biological Basis of Public Health	3
PUBHEPI 6431	Design & Implementation of Health Surveys	3
PUBHEPI 6442	Methods in Social Epidemiology	3
PUBHEPI 7410	Epidemiology II & Lab	4
PUBHEPI 7430	Epidemiology III	4
PUBHLTH 6013	Current Topics in Environmental Public Health	2
PUBHLTH 6015	Evaluating Public Health Programs	2
PUBHLTH 6016	Public Health and Healthcare Systems	2
PUBHLTH 7189	Applied Practice Experience	2
PUBHEPI 7998	Integrative Learning Experience Project Seminar	1
PUBHLTH 7998	Integrative Learning Experience for Public Health	2
Total Minimum Credit Hours unique for MPH Degree:		36

Policies and General Requirements for BSPH/MPH Degree

- A minimum of 121 total credit hours. Remedial coursework (courses at the 10XX-level or below, and English 1109 and credit hours earned in repeated coursework do not count toward the 121 credit hour minimum requirement for the BSPH degree.
- A minimum of 30 credit hours earned through regular course enrollment at this University.
- A maximum of 8 hours of technical credit may be counted towards your degree requirements.
- A maximum of 4 credit hours of physical activity courses (all 1100-level KNSFHP courses except for 1102, 1103, 1122, and 1137).
- A cumulative GPA of at least 2.5 on all coursework completed at The Ohio State University as well as at least a 2.5 in the major.
- A minimum grade of C- or higher is required for all undergraduate major courses.
- If a major-required course or major elective is a GE Theme course, two 3-4 credit hour courses (no more than one per theme area) are permitted to double count in the GE and major hours. GE Theme courses are indicated with a ♦ symbol.
- Students are expected to follow the rules and guidelines in both the undergraduate and graduate student handbooks in the College of Public Health.
- The program requirements a student will follow are determined by their admit term (first term of undergraduate enrollment at Ohio State).