

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 – Recommend overlap with Civic Literacy Requirement</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^o</i>	4-6
Theme: Student Choice	<i>Student Choice^o</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.

^o 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.

Civic Literacy Requirement (Undergraduate)*

Course/Requirement	Title	Credit Hours
Student Choice	Any one course designated as "Civic Literacy" (CIV); must pass the course final and earn a grade of a D or higher in the class. Overlap with GE Foundations is strongly encouraged.	0-3
Civic Literacy Requirement:		0-3

*Required for students starting Ohio State undergraduate programs in Autumn 2026 (or later) and graduating Spring 2030 (or later).

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 for the standalone BSPH degree. Remedial coursework (English 1109; EDUTL 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1010; Mathematics 1040, 1050, 1073, 1074, 1075) do not count toward the minimum requirement for the BSPH degree.
- A minimum of 30 undergraduate credit hours earned through regular course enrollment at this University for the BSPH degree.
- A maximum of 8 hours of technical credit may be counted towards BSPH degree requirements.
- A maximum of 4 credit hours of physical activity courses (all 1100-level KNSFHP courses except for 1102, 1103, 1122, and 1137).
- For the BSPH, a cumulative GPA of at least 2.5 on all coursework completed at The Ohio State University and a minimum of a 2.5 in the major.
- A minimum grade of C- or higher is required for all undergraduate major courses.
- Students are expected to follow the rules and guidelines in both the undergraduate and graduate student handbooks in the College of Public Health.

Sample 5-year Plan

This model plan of study is presented as a suggested path to graduate in five years. It is intended to be a useful guide; however, each student is unique and should work with their advisor to develop an individualized course plan that best fits their personal academic background and goals.

Term	Course	Credit Hours
Autumn 1 (16-17 credit hours)	GE Writing and Information Literacy (ENGLISH 1110.0X)	3
	MATH 1148 (4cr) or 1150 (5cr) (GE Math Quant Reasoning and Spec. coreq)	4-5
	CHEM 1210	5
	PUBHLTH 1100 or 1100H	1
	PUBHLTH 2010 or 2010H	3
Spring 1 (16-17 credit hours)	CHEM 1220	5
	PUBHEHS 3310	3
	MATH 1149 (if MATH 1148 was taken) or Open Elective	3
	BIOLOGY 1101 or 1110 or 1113.01 or 1113.02 or 1114 (GE Nat. Sci. and Major coreq)	4-5
	GENED 1201 (Launch Seminar)	1
Autumn 2 (17 credit hours)	PUBHEPI 2410 or 2410H	3
	PUBHHMP 3610 or 3610H	3
	CHEM 2510	4
	CHEM 2540	2
	PHYSICS 1200	5
Spring 2 (15-18 credit hours)	PUBHHBP 3510	3
	ENGLISH 3307	3
	GE Social and Behavioral Sciences	3
	PUBHBIO 2210 or 2210H	3
	Open Elective for BSPH (if needed to reach 121 credit hours) GE Historical and Cultural Studies – <i>overlap with Civic Literacy requirement</i>	0-3 3
Autumn 3 (16 credit hours)	MICROBIOLOGY 4000.01 or .02	4
	PUBHEHS 4530/FDSCTE 4536	3
	PUBHLTH 3050	3
	PUBHLTH 3060	3
	GE Literary, Visual and Performing Arts	3
Spring 3 (16 credit hours)	EARTHSCI 3411	3
	PUBHEPI 4410	3
	PUBHLTH 4060	3
	GE THEME: Citizenship #1	3
	GE Race, Ethnic and Gender Diversity PUBHLTH 3180 (Capstone Prep)	3 1
Summer 3 (2 credit hours)	Capstone Course (4191, 4998 or 4999)	2
Autumn 4 (17 credit hours)	GE THEME: Health & Wellbeing OR Sustainability OR Lived Environment	3
	PUBHBIO 6210 (<i>overlap BSPH/MPH</i>)	3
	PUBHBIO 6270 (<i>MPH</i>)	2
	PUBHEHS 5340	3
	PUBHEPI 6411 (<i>MPH</i>)	3
	PUBHEPI 6430 (<i>overlap BSPH/MPH</i>)	3

Term	Course	Credit Hours
Spring 4 (17 credit hours)	GE THEME: Citizenship #2	3
	GENED 4001 (GE Reflection Seminar)	1
	PUBHBIO 6211 (MPH)	3
	PUBHEHS 5315	3
	PUBHEHS 5335 (overlap BSPH/MPH)	3
	PUBHEPI 7410 (MPH)	4
Summer 5 (2 credit hours)	PUBHLTH 7189 (Applied Practice Experience)	2
Autumn 5 (13 credit hours)	MPH core course (PUBHLTH 6013 or 6015 or 6016)	2
	PUBHBIO 6250	3
	PUBHEPI 6442	3
	PUBHEPI 7430	4
	PUBHEPI 7998	1
Spring 5 (9 credit hours)	PUBHEPI 6431	3
	PUBHLTH 7998 (Integrative Learning Experience)	2
	Remaining MPH core courses (PUBHLTH 6013 or 6015 or 6016)	4
Total Minimum Credit Hours* for BSPH + MPH Degrees:		158-
<i>*Total Credit hours will vary depending on which courses students select</i>		159