THE OHIO STATE UNIVERSITY
COLLEGE OF PUBLIC HEALTH

Effective Term: Autumn 2026

Bachelor of Science in Public Health Curriculum Guide
Specialization: Environmental Public Health – Pre-Medicine

General Education Requirements

Requirement	Course Options	Credit Hours
GE Launch Seminar	**GENED 1201**	1
Writing and Information Literacy	*Student Choice*	3
Mathematical and Quantitative Reasoning	Specialization corequisite*: **MATH 1148 & 1149 or 1150** *(overlap Pre-Med)*	5-7
Literary, Visual and Performing Arts	*Student Choice*	3
Historical and Cultural Studies	*Student Choice* – **Recommend overlap with Civic Literacy Requirement**	3
Natural Sciences	Major corequisite*: **BIOLOGY 1113.01 or 1113.02** *(overlap Pre-Med)*	4-5
Social and Behavioral Sciences	*Student Choice*	3
Race, Ethnicity and Gender Diversity	*Student Choice*	3
Theme: **Citizenship for a Diverse and Just World**	*Student Choice*[a]	4-6
Theme: **Student Choice**	*Student Choice*[a]	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 or 2410H♦	Epidemiology in Public Health	3
PUBHHBP 3510♦	Role of Behavior in Public Health	3
PUBHHMP 3610 or 3610H♦	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 (prereq: PUBHLTH 2010 or 2010H)	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 4191 Capstone Internship in Public Health PUBHLTH 4998 Capstone Research in Public Health 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 21st 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 5335	Ecology of Infectious Diseases (SP) (prereq: one undergraduate Biology course)	3
PUBHEHS 5340	Air Contaminants & Public Health (AU)	3
	Specialization Requirements:	**15**

Specialization Supporting Courses

Course	Title	Credit Hours
CHEM 1210	General Chemistry I (prereq: C- or above in MATH 1148/1149 or 1150) *(overlap Pre-Med)*	5
CHEM 1220	General Chemistry II (prereq: CHEM 1210, C- or above in Math 1148 or above) *(overlap Pre-Med)*	5
CHEM 2510	Organic Chemistry I (prereq: CHEM 1220, C- or above in Math 1148 or above) *(overlap Pre-Med)*	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) *(overlap Pre-Med)*	5
	Specialization Non-Major Requirements:	**25**

Major Electives

Course/Requirement	Title	Credit Hours
Public Health Electives	Choose additional courses offered by the College of Public Health. Cannot overlap with courses used to fulfill other major requirements.	6
	Major Electives Requirements:	6

Civic Literacy Requirement*

Course/Requirement		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 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/Pre-Medicine Additional Requirements

Course/Requirement		Credit Hours
CHEM 2520	Organic Chemistry II (prereq: CHEM 1210 and 2510)	4
CHEM 2550	Organic Chemistry Lab II (prereq: CHEM 1210, 1220, 2510, and 2540)	2
PHYSICS 1201	E&M, Optics, Modern Physics (prereq: PHYSICS 1200)	5
BIOLOGY 1114	Biological Sciences: Form, Function, Diversity, & Ecology (prereq: MATH 1148 or 1150)	4
BIOCHEM 4511	Introduction to Biological Chemistry (prereq: CHEM 1220 and 2510 and 1 sem. biology)	4
	Pre-Medicine Additional Requirements:	**19**
	Total Credit Hours for Degree including Pre-Medicine Coursework Overlap:	**136-144**

Policies and General Requirements for 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 and a minimum of a 2.5 in the major.
- A minimum grade of C- or higher is required for all major courses.
- Students are expected to follow the rules and guidelines in the BSPH undergraduate student handbook.
- The OSU College of Medicine's website has suggestions for additional science and non-science coursework, and is an excellent guide to the overall admissions process.

Sample 4-year Plan

This model plan of study is presented as a suggested path to graduate in four 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	GE Writing and Information Literacy (ENGLISH 1110.0X)	3
(16-17 credit hours)	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	CHEM 1220	5
(16-17 credit hours)	PUBHEHS 3310	3
	MATH 1149 (if MATH 1148 was taken) or GE Social and Behavioral Sciences	3
	BIOLOGY 1113.01 or 1113.02 (GE Nat. Sci. and Major coreq)	4-5
	GENED 1201 (Launch Seminar)	1
Autumn 2	PUBHEPI 2410 or 2410H	3
(17-20^ credit hours)	PUBHHMP 3610 or 3610H	3
	CHEM 2510	4
	CHEM 2540	2
	PHYSICS 1200	5
	GE Social and Behavioral Sciences (if not taken in Spring of Year 1)	0-3
Spring 2	PUBHHBP 3510	3
(18 credit hours)	ENGLISH 3307	3
	PUBHBIO 2210 or 2210H	3
	CHEM 2520	4
	CHEM 2550	2
	GE Historical and Cultural Studies - *overlap with Civic Literacy requirement*	3
Autumn 3	MICROBIOLOGY 4000.01 or .02	4
(17 credit hours)	BIOCHEM 4511	4
	BIOLOGY 1114	4
	PHYSICS 1201	5
Spring 3	EARTHSCI 3411	3
(18 credit hours)	PUBHEPI 4410	3
	PUBHLTH 4060	3
	PUBHLTH 3050	3
	GE THEME: Citizenship #1	3
	GE Race, Ethnic and Gender Diversity	3
Autumn 4	PUBHLTH 3180 (Capstone Prep)	1
(16 credit hours)	GE THEME: Health & Wellbeing OR Lived Environment	3
	PUBHEHS 5340	3
	PUBHEHS 4530/FDSCTE 4536	3
	GE THEME: Citizenship #2	3
	Public Health Elective #1	3
Spring 4	Capstone Course (4191, 4998 or 4999)	2
(18 credit hours)	GENED 4001 (GE Reflection Seminar)	1
	PUBHLTH 3060	3
	PUBHEHS 5335	3
	PUBHEHS 5315	3
	Public Health Elective #2	3
	GE Literary, Visual and Performing Arts	3
	Total Credit Hours for Degree Including Pre-Medicine Coursework:	**136-141**

^ In order to incorporate pre-medicine prerequisites into an 8-semester plan, there may need to be 1 term of an overload petition required. Students may want to consider taking a course in a summer term to avoid the petition.