2026-2027 PROGRAM GUIDE: Master of Public Health, Epidemiology

Information in this document is updated annually. Please refer to the document for the year you entered the program. Student resources, policies, and procedures applicable to all School of Public Health graduate students can be found on the SPH website, www.ohsu-psu-sph.org.

Overview

Director: Sarah Andrea, PhD, MPH (andreasa@ohsu.edu)
ohsu-psu-sph.org/mph-in-epidemiology

The MPH in Epidemiology prepares students to apply contemporary analytic methods to pressing public health challenges, with a particular emphasis on health equity, justice, and the social and structural forces that shape population health. Students develop skills in epidemiologic study design, critical evidence appraisal, and data analysis while learning to communicate findings meaningfully to diverse audiences and to collaborate to advance community and public health priorities. Graduates are prepared for careers in public health research, government and community health agencies, health systems, as well as for continued doctoral training.

Per OHSU policy, students have up to 6 years from the date of matriculation to complete their degree.

Program Competencies

1. Conduct epidemiologic analyses using contemporary analytic methods to address complex public health challenges
2. Co-design projects that advance community and public health priorities using methodologically sound analytic approaches
3. Integrate equity-focused frameworks and systems thinking into epidemiologic study design, analysis, and interpretation to promote justice in public health outcomes
4. Communicate epidemiologic findings effectively to diverse audiences
5. Synthesize literature and varied data sources to identify gaps, biases, and opportunities for understanding population health trends, inequities, and improvement strategies.

Competency-based achievement: Competencies consistent with graduate-level education (56 credits total) are achieved through core required courses, program required courses, and strengthened through elective courses, applied practice and integrative learning experiences, and an interprofessional requirement. Additional information about planning and selection of elective courses can be found at the end of this guide.

GPA and grade requirements: Minimum overall GPA of 3.0; minimum grade of "B-" in required courses and "C" in elective courses; no more than two grades lower than "B-" can be applied to the degree. More information may be found on the Graduate Student Policies and Procedures website.

Academic support and resources: Academic resources and student support services available to SPH graduate students are listed on the SPH website, www.ohsu-psu-sph.org. Please review the resources listed there.

Meeting basic needs and resources: Referrals (for OHSU and PSU students specifically) and resources are available to SPH graduate students for personal, physical, emotional challenges and meeting basic needs.

MPH Epidemiology Program of Study

Course Number	Course Title	Credits
MPH Core (21 Credits)		
PUBH 511	Foundations of Public Health	3
PUBH 521	Analytic Methods 1: Evidence Appraisal & Data Collection	3
PUBH 522	Analytic Methods 2: Applied Analysis	3
PUBH 531	Communicating Public Health	3
PUBH 532	Public Health Systems & Practice	3
PUBH 533	Environment & Health	3
PUBH 534	Upstream Public Health & Policy	3
Program Required Coursework (25-34 Credits)		
BSTA 512	Linear Models	4
BSTA 513	Categorical Data Analysis	4
EPI 513	Epidemiologic Methods	4
EPI 514	Applied Epidemiologic Reasoning & inference	4
EPI 536	Epidemiologic Data Analysis & Interpretation	4
PUBH 523	Introduction to R	1
Interprofessional	Any 500-level course with prefix IPE or UNI other than IPE 501	1
Methods & Skills Selectives	BSTA 514 Survival Analysis OR BSTA 519 Longitudinal Data Analysis OR PHE 520 Qualitative Research Design OR EPI 540 Introduction to Research Proposal and Design OR HSMP 588 Program Evaluation OR CPH 536 Community Engagement OR BSTA 504 Topics in Biostatistics OR ESHH 515 Geographic Information Systems for Public Health OR Other relevant course with program approval	1 to 4
Topics & Applications Selectives	CPH 527 Applied Epidemiology OR EPI 568 Infectious Disease Epidemiology OR EPI 576 Chronic Disease Epidemiology OR EPI 521 Injury & Violence Prevention OR PHE 532 Developmental Origins of Health & Disease Epidemiology OR Other relevant courses with program approval	1 to 4
Equity Frameworks Selectives	PHE 522 Health & Social Inequalities OR PHE 534 Social Epidemiology Methods & Theory OR PHE 555 Decolonizing Public Health Research OR HSMP 581 Population Health: Policy and Practice Implications OR Other relevant course with program approval	1 to 4

Culminating Experience *(5 credits)*		
PUBH 590	Applied Practice Experience	4
PUBH 595	Integrative Learning Experience	1
Electives *(0-5 credits)*		
	Any 500-level course with prefix BSTA, CPH, EPI, ESHH, HSMP, PHE, OR PUBH (except required courses)	
	Other relevant courses with program approval	
	Total Credits Required for MPH	**56**

MPH Epidemiology Recommended Course Sequencing

Below are recommended course schedules for full and part-time students. Although other schedules are possible, you should try to adhere to the recommended sequence as much as possible; this assists in resource allocations at the level of the school. Be sure to consult with your Faculty Advisor regarding your program of study to choose the best electives for your educational and professional goals.

In a given term, CPH prefix courses as well as the asynchronous versions of PUBH will first prioritize the registration needs of students in the online Public Health Practice program, however, student in the MPH Epidemiology program will be able to register for these courses if space remains once priority registration lifts.

The program director holds quarterly group advising sessions that are an excellent opportunity to hear program updates, reminders on recommended course sequence, and to get answers to your emerging questions. In addition, your Faculty Advisor is an important resource. We recommend consulting with your Faculty Advisor quarterly regarding your program of study and course selection to determine the schedule that fits best for you.

If you receive federal financial aid, it is important to be aware of financial aid requirements when planning your schedule. Federal loans require at least 1/2-time enrollment (5 credits). Please refer to the OHSU's "Student Financial Aid Explained" and "Standard Enrollment Plan" documents, paying particular attention to summer term, for more information. These documents can be found on OHSU's Financial Aid website here: https://www.ohsu.edu/education/financial-aid.

MPH Epidemiology: Full-time (FT) Summer Start Student Schedule

Term	Year 1			Year 2		
	Course	Credits	Student Actions	Course	Credits	Student Actions
Summer	PUBH 523 Intro to R PHE 522 Health & Social Inequalities Elective (e.g., EPI 507) OR/AND PUBH 533 Environment & Health	1 3 1 to 4	• Meet with Advisor re: course selection and academic interests & goals	Optional Electives Optional Missed Core Optional IPE EPI 536 EPIData (Optional; Instructor Permission)	0 to 4 1 to 2 4	• Work on APEx: Learning Contract (if applicable)
Fall	PUBH 511 Foundations of Public Health PUBH 521 Analytic Methods I PUBH 522 Analytic Methods II (EPI)	3 3 3	• Attend SPH Fall Welcome • Attend Group Advising • Meet with Advisor and decide if you would like to stay in the MPH EPI track or consider another path	PUBH 531 Communicating EPI 536 EPIData (default) Elective / Selective	3 4 0 to 4	• Attend SPH Fall Welcome • Attend Group Advising • Meet with Advisor re: APEx, career goals, professional development • Submit PE Learning Agreement
Winter	PUBH 532 Systems & Practice BSTA 512 Linear Models EPI 513 Epidemiologic Methods	3 4 4	• Attend Group Advising • Meet with Advisor & Practice Experience Coordinator	PUBH 533 Environment & Health (if not taken in Summer Yr 1) PUBH 590 APEx* Elective / Selective	3 2 0 to 4	• Attend Group Advising • Meet with Advisor • Apply for spring graduation • Submit proposal for Integrative Project
Spring	PUBH 534 Upstream BSTA 513 Categorical Data Analysis EPI 514 Applied Epidemiologic Reasoning & Inference	3 4 4	• Attend Group Advising • Meet with Advisor & Practice Experience Coordinator	PUBH 590 APEx PUBH 595 ILE Elective / Selective IPE	2 1 0 to 4 1	• Attend Group Advising • Meet with Advisor • APEx Presentation

* PUBH 590 (Practice Experience) credits can be taken in a single term or across two terms which is recommended. You will want to meet with the Practice Experience Coordinator at minimum one term before you plan to begin your APEx, although earlier (two terms) is better. Your Learning Agreement must be approved the term prior to registration for your PE.

MPH Epidemiology: Full-time (FT) Fall Start Student Schedule

Term	Year 1			Year 2		
	Course	Credits	Student Actions	Course	Credits	Student Actions
Summer				Optional Electives Optional Missed Core Optional IPE EPI 536 EPIData (Optional; Instructor Permission)	0 to 4 1 to 2 4	• Work on APEx: Learning Contract (if applicable)
Fall	PUBH 511 Foundations of Public Health PUBH 523 Intro to R PUBH 521 Analytic Methods I PUBH 522 Analytic Methods II (EPI)	3 1 3 3	• Attend SPH Fall Welcome • Attend Group Advising • Meet with Advisor re: course selection and academic interests & goals	PUBH 531 Communicating EPI 536 EPIData (default) Elective/Selective	3 4 0 to 4	• Attend SPH Fall Welcome • Attend Group Advising • Meet with Advisor re: APEx, career goals, professional development • Submit PE Learning Agreement
Winter	PUBH 532 Systems & Practice BSTA 512 Linear Models EPI 513 Epidemiologic Methods	3 4 4	• Attend Group Advising • Meet with Advisor & Practice Experience Coordinator	PUBH 533 Environment & Health PUBH 590 APEx* Elective / Selective	3 2 0 to 4	• Attend Group Advising • Meet with Advisor • Apply for spring graduation • Submit proposal for Integrative Project
Spring	PUBH 534 Upstream BSTA 513 Categorical Data Analysis EPI 514 Applied Epidemiologic Reasoning & Inference	3 4 4	• Attend Group Advising • Meet with Advisor & Practice Experience Coordinator	PUBH 590 APEx PUBH 595 ILE Elective / Selective IPE	2 1 0 to 4 1	• Attend Group Advising • Meet with Advisor • APEx Presentation

* PUBH 590 (Practice Experience) credits can be taken in a single term or across two terms which is recommended. You will want to meet with the Practice Experience Coordinator at minimum one term before you plan to begin your APEx, although earlier (two terms) is better. Your Learning Agreement must be approved the term prior to registration for your PE.

MPH Epidemiology: Part-time (PT) Summer Start Student Schedule

Term	Year 1			Year 2			Year 3		
	Course	Cr.	Student Actions	Course	Cr.	Student Actions	Course	Cr.	Student Actions
Su	PUBH 523 Intro to R PHE 522 Health & Social Inequalities Elective OR/AND PUBH 533 Environment & Health	1 3 1 to 4	• Meet with Advisor re: course selection and academic interests & goals	Optional Electives Optional Missed Core Optional IPE	0 to 4 1 to 2		EPI 536 EPIData (Optional; Instructor Permission)	4	• Work on APEx: Learning Contract (if applicable)
Fa	PUBH 511 Foundations of Public Health PUBH 521 Analytic Methods I	3 3	• Attend SPH Fall Welcome • Attend Group Advising • Meet with Advisor	PUBH 531 Communicating PUBH 522 Analytic Methods II (EPI)	3 3	• Attend SPH Fall Welcome • Attend Group Advising • Meet with Advisor and decide if you would like to stay in the MPH EPI track or consider another path	EPI 536 EPIData (default) Elective/Selective	4 0 to 4	• Attend SPH Fall Welcome • Attend Group Advising • Meet with Advisor re: APEx, career goals, professional development • Submit PE Learning Agreement
Wi	PUBH 532 Systems & Practice PUBH 533 Environment & Health (if not taken in Summer Yr 1)	3 3	• Attend Group Advising • Meet with Advisor & Practice Experience Coordinator	BSTA 512 Linear Models EPI 513 Epidemiologic Methods	4 4	• Attend Group Advising • Meet with Advisor	PUBH 590 APEx* Elective/Selective	2 0 to 4	• Attend Group Advising • Meet with Advisor • Apply for spring graduation • Submit proposal for Integrative Project
Spr	PUBH 534 Upstream Elective / Selective	3 0 to 4	• Attend Group Advising • Meet with Advisor & Practice Experience Coordinator	BSTA 513 Categorical Data Analysis EPI 514 Applied Epidemiologic Reasoning & Inference	4 4	• Attend Group Advising • Meet with Advisor & APEx coordinator	PUBH 590 APEx PUBH 595 ILI IPE	2 1 1	• Attend Group Advising • Meet with Advisor • APEx Presentation

* PUBH 590 (Practice Experience) credits can be taken in a single term or across two terms which is recommended. You will want to meet with the Practice Experience Coordinator at minimum one term before you plan to begin your APEx, although earlier (two terms) is better. Your Learning Agreement must be approved the term prior to registration for your PE.

MPH Epidemiology: Part-time (PT) Fall Start Student Schedule

Term	Year 1			Year 2			Year 3		
	Course	Cr.	Student Actions	Course	Cr.	Student Actions	Course	Cr.	Student Actions
Su				Optional Electives Optional Missed Core Optional IPE	0 to 4 1 to 2		EPI 536 EPIData (Optional; Instructor Permission)	4	• Work on APEx: Learning Contract (if applicable)
Fa	PUBH 511 Foundations of Public Health PUBH 521 Analytic Methods I	3 3	• Attend SPH Fall Welcome • Attend Group Advising • Meet with Advisor re: course selection and academic interests & goals	PUBH 531 Communicating PUBH 522 Analytic Methods II (EPI) PUBH 523 Intro to R	3 3 1	• Attend SPH Fall Welcome • Attend Group Advising • Meet with Advisor	EPI 536 EPIData (default) Elective/Selective	4 1 to 4	• Attend SPH Fall Welcome • Attend Group Advising • Meet with Advisor re: APEx, career goals, professional development • Submit PE Learning Agreement
Wi	PUBH 532 Systems & Practice PUBH 533 Environment & Health (if not taken in Summer Yr 1)	3 3	• Attend Group Advising • Meet with Advisor & Practice Experience Coordinator	BSTA 512 Linear Models EPI 513 Epidemiologic Methods	4 4	• Attend Group Advising • Meet with Advisor	PUBH 590 APEx* Elective/Selective	2 1to 4	• Attend Group Advising • Meet with Advisor • Apply for spring graduation • Submit proposal for Integrative Project
Spr	PUBH 534 Upstream Elective / Selective	3 1 to 4	• Attend Group Advising • Meet with Advisor & Practice Experience Coordinator	BSTA 513 Categorical Data Analysis EPI 514 Applied Epidemiologic Reasoning & Inference	4 4	• Attend Group Advising • Meet with Advisor & APEx coordinator	PUBH 590 APEx PUBH 595 ILI IPE	2 1 1	• Attend Group Advising • Meet with Advisor • APEx Presentation

* PUBH 590 (Practice Experience) credits can be taken in a single term or across two terms which is recommended. You will want to meet with the Practice Experience Coordinator at minimum one term before you plan to begin your APEx, although earlier (two terms) is better. Your Learning Agreement must be approved the term prior to registration for your PE.

MPH Epi/MD Dual degree (for cohort matriculated Summer 2024)

Students who matriculated in Summer 2024 are completing the legacy MPH common core curriculum and will complete 60 credits total. For details on courses in the legacy MPH EPI program, consult the AY24-25 Program Guide. Students who wish to instead complete the updated MPH common core curriculum may apply to change their catalogue year to AY26-27. Please contact Sarah Andrea (andreasa@ohsu.edu) and Alex Foster (fosterb@ohsu.edu) if you are interested in making this change.

	Summer	Fall	Winter	Spring
Year 1 (MD-1) Complete 4-6 credits	**MPH Curriculum:** EPI 512 Introduction to Epidemiology (4cr.)	**MPH Curriculum:** Optional Electives		
Year 2 (MD-2) Complete 0-4 credits	**MPH Curriculum:** Optional Electives			
Year 3 (MPH Year) Complete 45 credits	**MPH Curriculum:** HSMP 574 Hlth Sys Org (3 cr.) PHE 512 Prin Hlth Behvr (3 cr.) ESHH 511 Cncpts Env Hlth (3 cr.) Elective(s), 0-4 credits 9-13 credits total	**MPH Curriculum:** BSTA 511 Biostatistics 1 (4 cr.) HSMP 573 Values & Ethics Hlth (3 cr.) Elective(s), 3-6 credits 10-13 credits total **Student Actions** •Attend SPH Fall Welcome •Meet with Advisor re: course selection and academic interests & goals	**MPH Curriculum:** EPI 513 Epidemiology II (Methods) (4 cr.) BSTA 512 Linear Models (4 cr.) EPI 566 Current Issues (2 cr.) UNI 504 Qual Mthds Hlth (2 cr.) Elective(s), 2-4 credits 14-16 credits total	**MPH Curriculum:** EPI 514 Epidemiology III (4 cr.) BSTA 513 Categorical Data Analysis (4 cr.) Elective(s), 3-6credits 11-14 credits total **Student Actions** •Meet with Advisor & Practice Experience Coordinator •Work on PE: Learning Contract (if applicable)
Year 4 (MD-3)	**MPH Curriculum:**	**MPH Curriculum:** Complete EPI 504PE* Practice Experience (4 cr) and EPI 502IP (1 cr), if possible		

Complete 4-9 credits	EPI 536 Epi Data Analysis & Interp (4 cr.)	
Year 5 (MD-4) Complete 0-5 credits	**MPH Curriculum:** Complete EPI 504PE* Practice Experience (4 cr) and EPI 502IP (1 cr), if not done in previous year.	

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Graduate Student Resources, Policies, and Procedures

Policies and procedures applicable to all School of Public Health graduate students can be found on the SPH website at https://ohsu-psu-sph.org/graduate-students-policies-and-procedures/. Please review the student policies and procedures listed there, including but not limited to the following sections:

- ☐ Advising
- ☐ Academic Standing
- ☐ Academic Dismissal
- ☐ Academic Dishonesty
- ☐ Codes of Conduct
- ☐ Educational Records Privacy
- ☐ Minimum Course Grade Requirements
- ☐ Recognition of Prior Earned Credit
- ☐ Course Waiver Policy
- ☐ Incomplete Coursework
- ☐ Course Approvals (Electives)
- ☐ Independent Study
- ☐ International Travel and Coursework
- ☐ Continuous Enrollment
- ☐ Leave of Absence
- ☐ Withdrawal Policy
- ☐ Time Limits
- ☐ Grievance Resolution
- ☐ Degree and Certificate Conferral

Academic resources and student support services available to SPH graduate students are listed on the SPH website, www.ohsu-psu-sph.org. Please review the resources listed there.