



2020-2021 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

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ohsu-psu-sph.org/mph-in-epidemiology

The goal of the Epidemiology program is to provide training in the population perspective toward health care and disease prevention. Courses in this track emphasize the use of quantitative methods for analyzing and addressing health problems to support basic and applied research in public health and health care.

Program Competencies

- Apply population-based concepts of epidemiology and risk determination to the assessment of health problems.
- Apply evidence-based knowledge of health determinants to public health issues.
- Apply and interpret a variety of statistical methods commonly used in medical and public health research.
- Propose and test a research hypothesis.
- Identify ethical problems that arise in public health policy decisions.
- Apply knowledge of cultural dimensions in conducting research, including culturally sensitive recruitment of study participants, and develop strategies for interpretation of data in the larger cultural context.
- Integrate and apply relevant literature in epidemiology to public health issues and policy.
- Communicate public health principles and concepts through various strategies across multiple sectors of the community.

MPH Epidemiology Program of Study

Course Number	Course Title	Credits
Core Required Coursework (22 Credits)		
BSTA 511	Estimation and Hypothesis Testing for Applied Biostatistics	4
EPI 512	Epidemiology I	4
ESHH 511	Concepts of Environmental Health	3
HSMP 574	Health Systems Organization	3
PHE 512	Principles of Health Behavior	3
Exam	Certified in Public Health Examination	0; Pass
EPI 504PE	Practice Experience	4
EPI 502	Integrative Project	1
Program Required Coursework (27 Credits)		
BSTA 512	Linear Models	4
BSTA 513	Categorical Data Analysis	4
EPI 513	Epidemiology II (Methods)	4
EPI 514	Epidemiology III (Causal Inference)	4



EPI 536	Epidemiologic Data Analysis & Interpretation	4
EPI 566	Current Issues in Public Health	2
HSMP 573	Values & Ethics in Health	3
UNI 504*	Qualitative Methods for Health Professionals	2
<i>Commonly taken electives (11 Credits)</i>		
BSTA 514	Survival Analysis	3
BSTA 515	Data Management & Analysis in SAS	3
BSTA 516	Design and Analysis of Surveys	3
BSTA 517	Statistical Methods in Clinical Trials	3
BSTA 519	Longitudinal Data Analysis	3
CPH 521	Social Determinants of Health	3
EPI 540	Introduction to Research Proposal & Design	3
EPI 556	HIV/AIDS Epidemiology	2
EPI 568	Infectious Disease Epidemiology	2
EPI 576	Chronic Disease Epidemiology	2
HSMP 581	Population Health: Policy and Practice Implications	3
PHE 519	Introduction to the Etiology of Disease	3
PHE 522	Health and Social Inequalities	3
PHE 524	Social Epidemiology Methods & Theory	3
	Other SPH courses, chosen in consultation with advisor	
Total Credits		60

* UNI 504 fulfills 2 foundational competency degree requirements: the Inter-professional Education Experience (IPE) and qualitative methods. Alternatively and in consultation with Faculty Advisors, students may seek permission to take (a) PHE 520 Qual Rsrch Design (3 cr.) or HSMP 588 Prgm Eval/Mgmt in Hlth Svcs (3 cr.) to fulfill the qualitative methods requirement, and (b) a different IPE course for the interprofessional requirement.



MPH Epidemiology Sample Course Schedules: Below are sample schedules. Other schedules are possible; always consult your Faculty Advisor 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 [“Financial Aid Explained”](#) and the [Standard Enrollment Plan](#), paying particular attention to summer term, for more information.

Full-time student sample schedule

Year 1 FT			
Fall	Winter	Spring	Summer
BSTA 511 Est/Hypothesis Tsting Appld Biostat (4 cr.)	BSTA 512 Linear Models (4 cr.)	BSTA 513 Categorical Data Analysis (4 cr.)	EPI 536 Epi Data (4 cr.)
EPI 512 Epidemiology I (In-person section) (4 cr.)	EPI 513 Epidemiology II (Methods) (4 cr.)	EPI 514 Epidemiology III (4 cr.)	Optional: Elective, 1-3 cr.
PHE 512 Prin Hlth Behvr (3 cr.)	^ESHH 511 Cncpts Env Hlth (3 cr.)	HSMP 574 Hlth Sys Org (3 cr.)	<i>CPH Exam</i>
		Optional: Elective, e.g. EPI 568 Infect. Dis. Epi (2 cr.)	<u>Other Summer Offerings:</u> ^ESHH 511 Cncpts Env Hlth (3 cr.) ^h HSMP 573 Values/Ethcs (3 cr.) ^HSMP 574 Hlth Sys Org (3 cr.)
Year 2 FT			
Fall	Winter	Spring	Summer
UNI 504 Qual Mthds Hlth (2 cr.)	EPI 504PE Practice Exper. (2 or 4 cr.)	EPI 504PE Practice Exper (2 or 4 cr.)	
Elective(s), 3-6 credits	*EPI 566 Current Issues in Public Health (2 cr.)	EPI 502 Integrative Project (1 cr.)	
	^HSMP 573 Values & Ethics Hlth (3 cr.)	Elective(s), 2-6 credits	
	Elective(s) 3 cr.		
	UNI 504 Qual Mthds Hlth (2 cr.) (if not taken in Fall)		

^ online ^h hybrid *only offered Winter term

Part-time student sample schedule

Year 1 PT			
Fall	Winter	Spring	Summer
BSTA 511 Est/Hypothesis Tsting Appld Biostats (4 cr.)	BSTA 512 Linear Models (4 cr.)	BSTA 513 Categorical Data Analysis (4 cr.)	
PHE 512 Prin Hlth Behvr (3 cr.)	^ESHH 511 Cncpts Env Hlth (3 cr.)	HSMP 574 Hlth Sys Org (3 cr.)	<u>Summer Offerings:</u> ^ESHH 511 Cncpts Env Hlth (3 cr.) ^h HSMP 573 Values/Ethcs (3 cr.) ^HSMP 574 Hlth Sys Org (3 cr.)
Year 2 PT			
Fall	Winter	Spring	Summer
EPI 512 Epidemiology I (4 cr.) (in-person section)	EPI 513 Epidemiology II (Methods) (4 cr.)	EPI 514 Epidemiology III (4 cr.)	EPI 536 Epi Data (4 cr.)
UNI 504 Qual Mthds (2 cr.)	*EPI 566 Current Issues in Public Health (2 cr.)	HSMP 573 Values & Ethics (3 cr.)	Optional: Electives, 1-3 cr.
	<i>CPH Exam</i>		<i>CPH Exam, if not taken yet</i>



Year 3 PT			
Fall	Winter	Spring	Summer
Elective(s), 3-6 credits	EPI Practice Experience (2 or 4 cr.)	EPI Practice Experience (2 or 4 cr.)	
	Elective(s), 1- 3 credits	EPI Integrative Project (1 cr.)	
		Elective(s), 2-3 credits	

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MPH EPI / MD Dual Degree Recommended Course Sequencing (for cohort matriculated Summer 2018)

MPH Epidemiology / MD dual degree students should contact their SOM Faculty Advisor(s) for MD program requirements, course availability and scheduling needs.

	Summer	Fall	Winter	Spring
Year 1 (MD-1) Complete 6 MPH credits	MPH Curric: EPI 512 Epi I (4 cr) 1 st half of summer	MD Curriculum; see SOM handbook		
	MD Curriculum 2 nd half of summer; see SOM handbook	MPH Curriculum: EPI 507 Seminars (1 cr. ea, 2 cr total in Winter, Spring)		
Year 2 (MD-2)	MD Curriculum; see SOM handbook (Certain SOM electives, such as SURG 507E Surgery and Inequalities, may be applied toward the MPH degree.)			
Year 3 (MPH Year) Complete 45 MPH credits	MD Curriculum; see SOM handbook	MPH Curriculum: BSTA 511 (4 cr) ESHH 511 Env. Hlth (3 cr) PHE 512 Hlth Behavior (3 cr) Elective(s), 6 credits 16 credits total	MPH Curriculum: BSTA 512 (4 cr) EPI 513 Epi II (4 cr) *EPI 566 Curr. Iss. (2 cr) ^HSMP 574 Hlth Sys Org (3 cr) UNI 504 Qualit. Methds (2 cr) 15 credits total	MPH Curriculum: BSTA 513 (4 cr) EPI 514 Epi III (4 cr) HSMP 573 Ethics (3 cr) Electives, 3 credits 14 credits total
Year 4 (MD-3) Complete 4-9 MPH credits	MPH Curric: EPI 536 Epi Data Analy (4 cr) 1 st half of summer CPH Exam	MD Curriculum; see SOM handbook		
	MD Curriculum 2 nd half of summer; see SOM handbook	MPH Curriculum: Complete EPI 504PE Practice Experience (4 credits) when schedule allows		
Year 5 (MD-4) Complete 0-5 MPH credits	MD Curriculum; see SOM handbook MPH Curriculum: Complete EPI 504 Practice Experience (4 credits) and EPI 502 Integrative Project (1 credit) when schedule allows.			

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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, www.ohsu-psu-sph.org. 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
- Student Complaint Procedure
- Degree and Certificate Conferral

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