

# MPH – One Health

## Curriculum & Recommended Course Sequencing

---

Effective for those following the 2025/2026 academic curriculum guide

### REQUIRED CORE COURSES - (16 units)

EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
EPID 580	Integrated Public Health Learning Experience - MPH capstone course (1)
<b>Must be taken after other core courses are completed; should not be taken concurrently</b>	

Master's Report Preparation Workshop (**required**; non-credit; semester before internship begins)  
Interprofessional Education Activities (**documentation required**; non-credit)

### REQUIRED ONE HEALTH COURSES - (17 units)

EPID/EHS 545	One Health Foundations (3)
EPID 660	Infectious Disease Epidemiology (3)
EHS 525	A Public Health Lens to Climate Change (3)
EPID 679	One Health Applications and Practice (3)
EPID 596D	Public Health Experience – Student Epidemiology Response Team (SAFER) (2)
EPID 909	Master's Report (3)

### REQUIRED SELECTIVES - (9 units)

Students must take at least one course from each of the three areas: **HUMAN, ANIMAL/PATHOGEN, and ENVIRONMENT**. The list of required selectives can be found the following pages and on the College of Public Health's [website](#) under the One Health MPH page.

**Total Required Credit Hours: 42**

## MPH One Health Recommended Course Sequencing

Effective for those following the 2025/2026 academic curriculum guide

FIRST YEAR			
Fall Semester- (12 units)		Spring Semester- (11 units)	
EPID 573A*	Basic Principles of Epidemiology (3)	EHS 525 <sup>2</sup>	A Public Health Lens to Climate Change (3)
BIOS 576A*	Biostatistics in Public Health (3)	EPID 596D <sup>2</sup>	Public Health Experience – Student Epidemiology Response Team (SAFER) (2)
EHS/EPID 545 <sup>1</sup>	One Health Foundations (3)	One Health Selective	Human, Animal, or Environmental (3)
PHPM 574*	Public Health Policy & Management (3)	HPS 577*	Social & Behavioral Aspects of Public Health (3)
		Master’s Report Preparation Workshop ( <b>required</b> ; non-credit)	
<b>Summer Session following First Year</b> Begin EPID 909 Master’s Report (1-2; typically 1) ** (To conduct the Report, you must be enrolled.) One Health Selective - Human, Animal, <b>or</b> Environmental (3) – <b>optional</b>			
SECOND YEAR			
Fall Semester- (9-11 units)		Spring Semester- (8-11 units)	
EHS 575 (online)	Environmental and Occupational Health (3)	EPID 660	Infectious Disease Epidemiology (3)
EPID 679 <sup>2</sup>	One Health Applications and Practice (3)	One Health Selective	Human, Animal, <b>or</b> Environmental (3)
One Health Selective	Human, Animal, <b>or</b> Environmental (3)	EPID 909 **	Master’s Report (1-3)
EPID 909**	Master’s Report (0-2)	EPID 580	Integrated Public Health Learning Experience - <b>MPH capstone course</b> (1)
<b>IMPORTANT GUIDELINES</b>			
<b>Bolded courses in first fall semester indicate essential courses for the student to take that semester.</b>			
* MPH required core courses are offered fall & spring semesters, allowing flexibility. The modality and number of offerings may vary by semester and are subject to change. All five 3-unit Core Courses must be complete prior to the student’s final term in the program when writing your APE Final Report.			
<b>** Prerequisites for EPID 909 – Master’s Report:</b> At least 3 MPH core courses before enrolling. EPID 909 typically is taken in multiple semesters with the credit hours split across semesters. Note: The final report may not be completed until the semester following the completion of all five MPH core courses			
1 This course is offered both fall and spring semesters			
2 This course only offered in this specific semester; not in both fall and spring semesters. EHS/EPID 545 is a prerequisite for EPID 679.			

## One Health Required Selectives

*Please check prerequisites when planning semester course selection*

**Effective for those following the 2025/2026 academic curriculum guide**

Students must take <b>at least one</b> course from <b>each</b> of the three areas (Human, Animal, Environment)		
Course	Semester Typically Offered*	Units
<b>HUMAN</b>		
HPS 533 Global Health	Spring	3
EPID 606 Changing Health Policy: Cultural Understanding & Epi Analysis	Spring	4
EHS 551 Systems Thinking in One Health	Spring	3
HPS 534 Infectious Diseases, Global Health and Development	Spring (online)	3
AREC/ECON 516 Microeconomics of Economic Development	Fall	3
EHS 546 One Health Approach and Cases Studies	Fall	3
EHS/AIS 528 Indigenous Research and Ethics	Fall	3
EHS 526 Topics in Environmental Justice	Fall	3
CPH 502 Climate Change and Health (Online)	Summer	3
<b>ANIMAL/ PATHOGEN</b>		
EHS 539A Outbreaks and Environmental Microbiology: Then to Now	Summer	3
MIC 530 Food Microbiology and Biotechnology	Spring	3
IMB 520 Pathogenic Bacteriology	Fall	3
ACBS 549 Diseases of Wildlife	Fall	3
ACBS 505 Principles of Livestock Health Management	Spring	3
ECOL 557 Medical Veterinary Entomology	Spring	3
ACBS 519 General Immunological Concepts	Fall	4
WFSC 553 Wildlife and Zoonotic Disease Ecology	Spring	3
<b>ENVIRONMENT</b>		
RNR 558 Ecosystem Ecology and a Sustainable Future	Spring	3
RNR 540 Climate Change Adaptation: Perspectives at the Nexus of Science, Society and Resource Management	Fall/ Spring	3
EHS 610 Lifecourse Epidemiology of Environmental Exposures	Fall	3
RNR 580 Natural Resources Policy and Law	Spring	3
RNR 582 Managing to Collaborate on Environmental and Natural Resources Conflicts	Spring	3
EHS 520 Environmentally Acquired Illnesses	Spring	3
EHS/PCOL 553 Toxicology and Chemical Exposure	Spring	3
<b>NOTES:</b>		
* Consult the UA schedule of classes and catalog for further details on the current course offering schedule and specific course requirements.		