



THE UNIVERSITY OF ARIZONA

Mel & Enid Zuckerman  
College of Public Health

## MPH – One Health Curriculum & Recommended Course Sequencing

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Effective for those following the 2023/2024 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)

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

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

- EPID/EHS 545 One Health Foundations (3)  
EHS 660 Infectious Disease Epidemiology (3)  
EHS 525 A Public Health Lens to Climate Change (3)  
EPID 679 One Health Applications and Practice (F)(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**

**One Health Recommended Course Sequencing**  
**Effective for those following the 2023/2024 academic curriculum guide**

<b>FIRST YEAR</b>			
<b>Fall Semester - (12 units)</b>		<b>Spring Semester - (11 units)</b>	
<b>EPID 573A*</b>	<b>Basic Principles of Epidemiology (3)</b>	EHS 525 <sup>2</sup>	A Public Health Lens to Climate Change (3)
<b>BIOS 576A*</b>	<b>Biostatistics in Public Health (3)</b>	<b>or</b> EPID 660 <sup>2,3</sup>	Infectious Disease Epidemiology (3)
EHS/EPID 545 <sup>2</sup>	One Health Foundations (3)	EPID 596D <sup>1</sup>	Public Health Experience – Student Epidemiology Response Team (SAFER) (2)
PHPM 574*	Public Health Policy & Management (3)	EHS 575*	Environmental and Occupational Health (3)
		HPS 577*	Public Health Policy & Management (3)
		Master's Report Preparation Workshop <b>(required; non-credit)</b>	

**Summer Session following First Year**

Begin EPID 909 Master's Report (1-2; typically 1) \*\*

*(To conduct the Report, you must be enrolled.)*

One Health Selective - Human, Animal, **or** Environmental (3) – **optional**

**SECOND YEAR**

<b>Fall Semester - (10-12 units)</b>		<b>Spring Semester - (9-12 units)</b>	
EPID 679 <sup>2</sup>	One Health Applications and Practice (3)	EHS 525 <sup>2</sup>	A Public Health Lens to Climate Change (3)
One Health Selective	Human, Animal, <b>or</b> Environmental (3)	<b>or</b> EPID 660 <sup>2</sup>	Infectious Disease Epidemiology (3)
One Health Selective	Human, Animal, <b>or</b> Environmental (3)	One Health Selective(s)	Human, Animal, <b>or</b> Environmental (3)
EPID 909**	Master's Report (0-2, typically 0)	EPID 909 **	Master's Report (1-3, often 3)
EPID 580	Integrated Public Health Learning Experience - <b>MPH capstone course</b> (1)		
(or EPID 580 can be taken in the Spring of the 2 <sup>nd</sup> year)			

**IMPORTANT GUIDELINES**

**Bolded courses in first fall semester indicate essential courses for the student to take that semester.**

\* 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 Internship Report.

\*\* **Prerequisites for EPID 909 – Master's Report:** At least 3 MPH core courses and EPID 596D before starting. EPID 909 typical 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

<sup>1</sup> This course is offered both fall and spring semesters

<sup>2</sup> This course only offered in this specific semester; **not** in both fall and spring semesters.

<sup>3</sup> Students planning an infectious disease related MPH Master's Report are encouraged to take EPID 660 spring year 1. *Note:* EPID 660 and HPS 577 are offered during the same time slot in spring, so plan accordingly.

**One Health Required Selectives**

## Effective for those following the 2022/2023 academic curriculum guide

Students must take <i>at least one</i> course from <i>each</i> of the three areas (Human, Animal, Environment)		
Course	Semester Typically Offered*	Units
<b><u>HUMAN</u></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
<b><u>ANIMAL / PATHOGEN</u></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
<b><u>ENVIRONMENT</u></b>		
RNR 558 Ecosystem Ecology and a Sustainable Future ( <i>highly recommended</i> )	Spring	3
RNR 540 Climate Change Adaptation: Perspectives at the Nexus of Science, Society and Resource Management	Fall / Spring	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
<b><u>NOTES:</u></b>		
* Consult the UA schedule of classes and catalog for further details on the current course offering schedule and specific course requirements.		