

Environmental Health MPH Curriculum
Gangarosa Department of Environmental Health, Rollins School of Public Health, Emory University
Matriculation FALL 2025
42 Credits Required

COURSE #	TITLE	SEMESTER OFFERED	SUGGESTED YEAR	CREDITS	GRADING BASIS	SEMESTER TAKEN
RSPH CORE REQUIREMENTS						
BIOS 500	Statistical Methods I w/lab	Fall	1*	4	Graded	
BIOS 501**	Statistical Methods II w/lab	Spring	1	4	Gr or S/U	
EPI 530	Epidemiologic Methods I w/lab	Fall	1*	4	Graded	
BSHES 500	Behavioral and Social Sciences in Public Health	Fall, Spring	1 or 2	2	Graded	
GH 500	Critical Issues in Global Health	Fall, Spring	1 or 2	2	Graded	
HPM 500	Introduction to US Healthcare System	Fall, Spring	1 or 2	2	Graded	
PUBH 500	Introduction to Public Health	Fall	1*	0	S/U	
PUBH 501	Inter-Professional Team Training	Spring	1*	0	S/U	
Sub-total:				14		
EH REQUIREMENTS						
EH 501	Introduction to Environmental Health	Fall	1*	2	S/U	
EH 510	Foundations of Exposure Science	Spring	1	2	Graded	
EH 520	Human Toxicology	Fall	1	3	Graded	
EH 524	Risk Assessment I	Fall	2	2	Graded	
EH 530 <i>or</i>	Env. and Occ. Epi. (Prereq. EPI 530)	Spring	1	2	Graded	
EHS 747/ EPI 747	Advanced Environmental Epidemiology (Prereqs: 2 levels of BIOS and 2 levels of EPI preferred)	Fall	2*	2	Graded	
EH 570	Environmental Health Law and Policy	Spring	1 or 2	2	Graded	
EH 591	Integrative Learning Experience in EH, Part 1	Fall	2*	2	Graded	
EH 592	Integrative Learning Experience in EH, Part 2	Spring	2*	2	Graded	
Sub-total:				17		
ELECTIVE REQUIREMENTS						
At least 11 credits of electives must be completed to meet the 42 credits required for the degree.						
<ul style="list-style-type: none"> Of those 11, at least six credits must be from GDEH (EH and/or EHS) classes (of your choice; see below). 						
Electives are classes that are not required by the degree program listed above. They can be taken in RPSH, other Emory schools, or through the ARCHE program to further develop interests and skills. Visit the RSPH Course Catalog , EH course webpage , or the Emory Course Atlas for descriptions, prerequisites, and permission requirements.						
Sub-total, GDEH electives:				6		
Sub-total, GDEH or other electives*:				5		
TOTAL REQUIRED				42		

*Must enroll in the semester/year listed.

**Highly recommended; not required. Not included in sub- and total credit count for this section.

The program's competencies are posted [here](#).

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EH MPH SUGGESTED SEQUENCE

COURSE NUMBER	COURSE NAME	CREDITS
<u>FALL 1</u>		
EH 501	Introduction to Environmental Health	2
EPI 530	Epidemiologic Methods I w/lab	4
BIOS 500	Statistical Methods I w/lab	4
EH 520	Human Toxicology	3
PUBH 500	Introduction to Public Health (1 st half semester)	0
Consider:		
BSHES/HPM/GH core and/or Elective(s)	Required Core Courses or Elective(s)	2-3
	Semester Total:	13+
<u>SPRING 1</u>		
EH 510	Foundations of Exposure Science	2
EH 530	Environmental & Occupational Epidemiology	2
PUBH 501	Inter-Professional Team Training	0
Consider:		
BIOS 501**	Statistical Methods II w/lab	4
BSHES/HPM/GH core and/or Elective(s)	Required Core Courses or Elective(s)	3+
	Semester Total:	9+
<u>SUMMER</u>	Most students will complete their APE and begin working on thesis/capstone.	
<u>FALL 2</u>		
EH 524	Risk Assessment I	2
EH 591	Integrative Learning Experience in EH, Part 1	2
Consider:		
EHS 747	Advanced Environmental Epi. (instead of or in addition to EH 530)	2
BSHES/HPM/GH core and/or Elective(s)	Required Core Courses or Elective(s)	4+
	Semester Total:	9+
<u>SPRING 2</u>		
EH 570	Environmental Health Law and Policy	2
EH 595	Applied Practice Experience (APE)	0
EH 592	Integrative Learning Experience in EH, Part 2	2
BSHES/HPM/GH core and/or Elective(s)	Required Core Courses or Elective(s)	2-3
	Semester Total:	9+

**Recommended

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Gangarosa Department of Environmental Health Electives

See OPUS, Atlas, and/or the RSPH Course Catalog for descriptions, prerequisites, and schedules

Fall

- EH 524 (2) Risk Assessment
- EH 562 (2) Methods for Environmental Mixtures
- EH 572 (2) Environmental Justice: Theory and Public Health Practice
- EH 580 (2) Injury Prevention and Control
- EH 581 (2) Public Health Consequences of Disasters
- EH 582/GH 582 (2) Global Climate Change: Health Impacts and Response
- EH 584 (2) Built Environment and Public Health
- EHS 730/IBS 741 (2) Computational Systems Biology: Modeling Biological Responses
- EHS 747/EPI 747 (2) Advanced Environmental Epidemiology

Spring

- EH 515 (2) Air Quality in the Urban Environment: A Survey of Research Methods and Findings
- EH 523 (2) Neurotoxicology
- EH 526 (2) Introduction to Internal Exposure Modeling
- EH 527 (2) Biomarkers and Environmental Public Health
- EH 542 (2) Methods & Practice in Community-Based Research
- EH 544 (2) EH in Low- and Middle-Income Countries: disease burden, causes and interventions
- EH 545 (3) Introduction to Environmental Determinants of Infectious Disease
- EH 547 (1) Design, delivery, and assessment of WASH in school programs
- EH 548 (3) Research Methods for Studies of Water and Health
- EH 560 (2) Environmental Health 'Omics
- EH 571 (2) Global Environmental Health Policy: Power, Science and Justice
- EH 573 (2) Climate Change Communications
- EH 586 (2) Adv. Sem in Climate Change and Health: Research and Policy
- EH 587 (2) Intro.to Satellite Remote Sensing of the Environment and its Applications in PH
- EH 587L (1) Intro to Satellite Remote Sensing of the Environment and its Application to PH Lab
- EHS 720 (2) Intro to Physiologically Based Toxicokinetic (PBTK)/Pharmacokinetic (PBPK) Modeling
- EHS 740 (2) Molecular Toxicology

Irregularly Offered Classes:

- EH 543 (1) Sustainability
- EH 583 (4) Spatial Analysis in Disease Ecology