Global 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	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, Spr	2	2	Graded	
HPM 500	Intro to US Health Care System	Fall, Spr	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:	**12**		
GEH REQUIREMENTS						
GH 502	Evidence-Based Global Health Policy, Progs & Research	Spring	1	3	Graded	
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 530 ***or***	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 571	GEH Policy: Power, Science and Justice	Spring	1 or 2	2	Graded	
EH 591	Integrated Learning Experience in Envt. Health, Part I	Fall	2*	2	Graded	
EH 592	Integrated Learning Experience in Envt. Health, Part 2	Spring	2*	2	Graded	
EH 595	Applied Practice Experience (APE)	Spring	2*	0	S/U	
			Sub-total:	**18**		
METHODS/TOPIC CLASSES: MUST COMPLETE 6 CREDITS FROM THE FOLLOWING. If choosing GH classes, it is recommended, but not required, to choose two classes in the same sequence.						
EH 544	Environmental Health in Low- and Middle-Income Countries: Disease Burden, Causes and Interventions	Spring	1 or 2	2	Graded	
EH 572	Environmental Justice	Fall	1 or 2	2	Graded	
EH/GH 582	Global Climate Change: Health Impacts and Response	Fall	1 or 2	2	Graded	
GH 501#	Health Systems, Social Justice, and Equity	Fall	1	3	Graded	
PROGRAM CYCLE SEQUENCE:						
GH 511	Prog Cycle 1: Planning & Managing GH Progs	Fall, Spr	1	3	Graded	
GH 512	Prog Cycle 2: Monitoring & Eval of Global PH Progs	Fall	2	3	Graded	
QUALITATIVE METHODS SEQUENCE:						
GH 521	Qualitative Methods I: Data Collection	Spring	1	3	Graded	
GH 522	Qualitative Methods 2: Data Analysis (prereq: GH 521 or instructor permission)	Fall	2	3	Graded	
QUANTATIVE METHODS SEQUENCE:						
GH 531	Quantitative Methods 1: Data Collection	Spring	1	3	Graded	
GH 532	Quantitative Methods 2: Data Analysis (prereq: EPI 530, BIOS 500. EPI 540, BIOS 501, and GH 531 strongly recommended or instructor permission)	Fall	2	3	Graded	
			Sub-total:	**6**		

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ELECTIVE REQUIREMENTS	
At least six credits of electives must be completed to meet the 42 credits required for the degree. • Of those six, **at least four credits** must be from GDEH (EH and/or EHS) classes of your choice; see list 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:	**4**
Sub-total, GDEH or other electives:	**2**
TOTAL REQUIRED	**42**

*Must take in the semester/year listed.
**Highly recommended; not required.
^Not included in sub- and total credit count for this section.
#Does not meet GDEH methods competency; must ensure to take one of the other classes in addition to GH 501 to meet the competency.

Electives: Students take electives (class choices that are not prescribed via the list above) to attain 42 credits (minimum number of credits required for the degree). Students may enroll in classes in RPSH or other graduate-level (500 and above) classes at other Emory schools or via the ARCHE program (with permission) to enhance their interests and skills. Visit the RSPH Course Catalog for RSPH courses, the EH course webpage for EH course descriptions, and/or the Emory Course Atlas. ***Check the RSPH Course Catalog and Emory Course Atlas for pre-requisites and permission needs.***
The program's competencies are posted here.

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SUGGESTED SEQUENCE

COURSE NUMBER	COURSE NAME	CREDITS
FALL 1		
EH 501	Introduction to Environmental Health	2
EH 520	Human Toxicology	3
BIOS 500	Statistical Methods I w/lab	4
EPI 530	Epidemiologic Methods I w/lab	4
PUBH 500	Introduction to Public Health	0
Consider:		
GH 501	Health Systems, Social Justice, and Equity	3
BSHES/HPM core and/or Elective(s)	Required Core Courses or General Elective(s)	2
	Semester Total:	**13+**
SPRING 1		
Required:		
GH 502	Evidence Based Global Health Policy, Programs, and Research	3
EH 510	Foundations of Exposure Science	2
EH 530	Environmental and Occupational Epidemiology (or EHS 747 in fall 2)	2
PUBH 501	Inter-Professional Team Training	0
Consider:		
BIOS 501**	Statistical Methods II w/lab	4
GEH Methods/Topics	See list on page 1	3
BSHES/HPM core and/or Elective(s)	Required Core Courses or General Elective(s)	2
	Semester Total:	**9+**
SUMMER	Most students will complete their APE and begin working on ILE.	
FALL 2		
EH 591	Integrated Learning Experience in Environmental Health, Part I	2
GEH Methods/Topics	See list on page 1	3
EHS 747	Advanced Environmental Epi. (instead of or in addition to EH 530)	2
BSHES/HPM core and/or Elective(s)	Required Core Courses or General Elective(s)	6+
	Semester Total:	**9+**
SPRING 2		
EH 571	Global Environmental Health Policy: Power, Science and Justice	2
EH 592	Integrated Learning Experience in Environmental Health, Part 2	2
EH 595	Applied Practice Experience (APE)	0
GEH Methods/Topics	See list on page 1	3
BSHES/HPM core and/or Elective(s)	Required Core Courses or General Elective(s)	4+
	Semester Total:	**9+**

**Recommended, not required

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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 570 (2) Environmental Health Law and Policy
- 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