

Environmental Health MPH Curriculum
Department of Environmental Health, Rollins School of Public Health, Emory University
Matriculation FALL 2018
42 Credits Required

Cross-check with course catalog or website for pre-requisites and permission needs.

Name _____ ID _____ Advisor _____

MPH Core Courses

Course #	Title	Semesters Offered	Suggested Year (* must take year listed)	Credits	Semester Taken
BIOS 500	Statistical Methods I w/lab	Fall	1*	4	
EPI 530	Epidemiologic Methods I w/lab	Fall	1*	4	
BSHE 500	Behavioral and Social Sciences in Public Health	Fall, Spring, Sum	1 or 2	2	
GH 500	Critical Issues in Global Health	Fall, Spring	1 or 2	2	
HPM 500	Introduction to US Healthcare System	Fall, Spring	1 or 2	2	
Sub-total:				14	

EH Required Courses

Course #	Title	Semesters Offered	Suggested Year	Credits	Semester Taken
EH 501	Introduction to Environmental Health (S/U)	Fall	1*	1	
EH 510	Foundations of Exposure Science	Spring	1	2	
EH 520	Human Toxicology	Fall	1	3	
EH 524	Risk Assessment I	Fall	2	2	
EH 530 or	Env. and Occ. Epi. (Prereq. EPI 530)	Spring	1	2	
EHS 747/EPI 747	Advanced Environmental Epidemiology (Prereqs: BIOS 500, Bios 501, EPI 530; and EPI 534 preferred)	Fall	2	2	
EH 550 or	Env. And Occ. Health Practice	Spring	2	2	
EH 593R	Data Analysis in Environmental Health	Fall, Spring	2*	1	
EH 570	Env. and Occ. Health Policy	Spring	1 or 2	2	
EH 596 or	Research Design in EH (S/U)	Fall	2*	1	
GH 555	Proposal Development w/small group Helpful if applying for GFE - as space permits. (S/U)	Spring	1*	2	
EH 599R or	Thesis	Final Semester	2*	4	
EH 594	Capstone Seminar: Skills for Environmental Health Professionals	Final Spring	2*	4	
EH 595	Applied Practice Experience (APE)	Spring	2*	0	
Sub-total:				17-20	

PUBH Required Courses

Course #	Title	Semesters Offered	Suggested Year	Credits	Semester Taken
PUBH 500	Introduction to Public Health	Fall	1*	0	
PUBH 501	Inter-Professional Team Training	Fall	1*	0	
PUBH 502	Public Health Professional Dev. Seminar	Fall	1*	0	

*Must enroll in the semester/year listed.

See electives on next page.

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Electives (suggested, but not limited to):

Course #	Title	Semesters Offered	Credits	Semester Taken
BIOS 501**	Statistical Methods II w/lab	Spring	4	
INFO 530	Geographic Information Systems	Fall, Spring	2	
EH 515	Air Quality in the Urban Environment	Spring	2	
EH 523	Neurotoxicology	Spring	2	
EH 527	Biomarkers and Environmental Public Health	Spring	2	
EH 543	Sustainability	Fall	1	
GH 580	Environmental Microbiology: Control of Food and Waterborne Disease	Spring - January	2	
EH 548	Research Methods for Studies of Water and Health	Spring	3	
EH 549	Critical Analysis of Water, Sanitation, and Hygiene Research	Spring	2	
EH 571	Global Environmental Health Policy: Power, Science and Justice	Spring	2	
EH 580	Injury Prevention and Control	Fall	2	
EH 581	Public Health Consequences of Disasters	Fall	2	
EH 582/GH 582	Global Climate Change: Health Impacts and Response	Fall	2	
EH 583	Spatial Analysis in Disease Ecology (prereq: INFO 530)	Spring	4	
EH 584	Built Environment and Public Health (pre/co-requisite: INFO 530)	Fall	2	
EH 586	Advanced Seminar in Climate Change and Health: Research and Policy	Spring	2	
EH 587	Intro. to Satellite Remote Sensing of the Env't. and its Applications to PH (prereq: INFO 530)	Spring	3	
EH 590R	EH Seminar: Initiation & Mgt. of Research Projects Under Constrained Conditions (S/U grading basis; short-course/4-day weekend in February)	Spring	1	
EHS 730	Computational Systems Biology: Modeling Biological Responses	Fall	2	
EHS 740	Molecular Toxicology	Spring	2	
EHS 750	The Environmental Determinants of Infectious Disease	Spring	3	
EHS 760	Advanced Risk Assessment (prereq: EH 524)	Spring	2	

****strongly recommended**

- Check on the Enrollment Services webpage for course schedules/permission rules and the course catalog (left side of page): <https://www.sph.emory.edu/rollins-life/enrollment-services/index.html>
- The EH webpage has sample syllabi of EH courses.
- If a course is permission only, contact the course department's ADAP or instructors for permission, then email the permission to the EH ADAP to register you.

- CITI Training Certificate (via IRB website: <http://www.irb.emory.edu/>)
- Practicum Web Client
- By final semester, complete all items on the EH Graduation Checklist.

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SUGGESTED SEQUENCE

<u>COURSE NUMBER</u>	<u>COURSE NAME</u>	<u>CREDITS</u>
<u>FALL 1</u>		
EH 501	Introduction to Environmental Health	1
EPI 530	Epidemiologic Methods I w/lab	4
BIOS 500	Statistical Methods I w/lab	4
EH 520	Human Toxicology	3
BSHE/HPM/GH core and/or Elective(s)	Required Core Courses or General Elective(s)	2-3
	Semester Total:	12-15
<u>SPRING 1</u>		
BIOS 501*	Statistical Methods II w/lab	4
EH 510	Foundations of Exposure Science	2
EH 530	Environmental & Occupational Epidemiology	2
BSHE/HPM/GH core and/or Elective(s)	Required Core or General Elective(s)	3+
	Semester Total:	9+
<u>SUMMER</u>		
	Most students will complete their practicum experience and begin working on thesis/capstone.	
<u>FALL 2</u>		
EH 524	Risk Assessment I	2
EHS 747	Advanced Environmental Epi. (if not taking EH 530)	2
EH 593R	Data Analysis in EH (or in spring)	1
EH 596 or ----- GH 555	Research Design in EH ----- Proposal Development (if applying to GFE, as space permits)	1 ----- 2
BSHE/HPM/GH core and/or Elective(s)	Required Core or General Elective(s)	4+
	Semester Total:	9+
<u>SPRING 2</u>		
EH 570	Environmental & Occupational Health Policy	2
EH 593R or ----- EH 550	Data Analysis (or EH 550 in fall) ----- Environmental & Occupational Health Practice	1 ----- 1
EH 599R or EH 594	Thesis Capstone Seminar	4 4
EH 595	Applied Practice Experience (APE)	0
BSHE/HPM/GH core and/or Elective(s)	Required Core or General Elective(s)	2-3
	Semester Total:	10+

*Recommended course