

**MPH Curriculum for BS/MPH 5-year program in  
Environmental Studies (ENVS) and Environmental Health (EH)  
Starting BS/MPH FALL 2017/ Matriculation RSPH 2019/Grad RSPH May 2020  
42 Credits Required for the MPH**

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

**Required credits:** 42 total for the MPH - 33 from RSPH classes plus 9 credits from the college that will count toward RSPH electives.

The EH ADAP must register BS/MPH students for classes. Email your course selections during the open registration period prior to each semester; include your student ID# and the class and course numbers in each message.

**MPH Core Courses**

Course #	Title	Semesters Offered	Suggested Year (* must take year listed)	Credits	Semester Taken
BIOS 500	Statistical Methods I w/lab	Fall	4	4	
EPI 530	Epidemiologic Methods I w/lab	Fall	5	4	
BSHE 500	Behavioral & Social Sciences in Public Health	Fall, Spring	3, 4, 5	2	
GH 500	Critical Issues in Global Health	Fall, Spring	3, 4, 5	2	
HPM 500	Introduction to US Healthcare System	Fall, Spring	3, 4, 5	2	
<b>Sub-total:</b>				<b>14</b>	

**EH Required Courses**

Course #	Title	Semesters Offered	Suggested Year	Credits	Semester Taken
EH 590R or	Introduction to Environmental Health (1/2 semester; S/U). <i>Preferred over EH 500.</i>	Fall	3	1	
EH 500	Perspectives in Environmental Health	Fall, Spring	3	2	
EH 510	Foundations in Exposure Science	Spring	3, 4	2	
EH 520	Human Toxicology	Fall	3, 4	3	
EH 524	Risk Assessment I	Fall	5	2	
EH 530	Envt and Occ. Epidemiology (Prereq. EPI 530)	Spring	4, 5	2	
EH 550 or	Envt. and Occ. Health Practice	Fall	4	2	
EH 593R	Data Analysis in Environmental Health (requires thesis/capstone data)	Fall, Spring	4 or 5	1	
EH 570	Envt. and Occ. Health Policy	Spring	4 or 5	2	
EH 595	Practicum	Spring	5*	0	
EH 596* and/or	Research Design in Environmental Health	Fall	5*	1	
GH 555	Proposal Development (Recommended for GFE Participants) S/U	Spring	4	2	
EH 599R or	Thesis	Spring	5*	4	
EH 594	Capstone Seminar: Skills for Environmental Health Professionals	Spring	5*	4	
<b>Sub-total:</b>				<b>19-22</b>	

*\*Must register the semester/year indicated*

**Additional courses can be taken above and beyond the graduation requirements. View the RSPH course catalog for more.**

**Recommendations include:**

Course #	Title	Semesters Offered	Credits	Semester Taken
BIOS 501**	Statistical Methods II w/lab	Spring	4	
INFO 530	Geographic Information Systems	Fall	2	
EH 515	Air Quality in the Urban Environment	Spring	2	

**\*\*strongly recommended** (electives continued)

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**Electives (continued):**

Course #	Title	Semesters Offered	Credits	Semester Taken
EH 523	Neurotoxicology	Spring	2	
EH 527	Biomarkers and Environmental Public Health	Spring	2	
EH 537/EPI 747 (can sub. for EH 530)	Advanced Environmental Epi. (Prereqs: BIOS 500 and 501, and EPI 530; EPI 534 recommended)	Fall	2	
EH 543	Sustainability	Fall	1	
EH 546	Environmental Microbiology: Control of Food and Waterborne Disease	Spring (January)	2	
EH 548	Research Methods for Studies of Water and Health (Prereq: GH 529 or equivalent (with permission from instructor))	Spring	3	
EH 549	Critical Analysis of Water, Sanitation, and Hygiene Research	Fall	2	
EH 580	Injury Prevention and Control	Fall	2	
EH 581	Public Health Consequences of Disasters	Spring	2	
EH 582/GH 582	Global Climate Change: Health Impacts and Response	Fall	2	
EH 583/ENVS 485	Spatial Analysis in Disease Ecology	Spring	4	
EH 584	Built Environment and Public Health	Fall	2	
EH 586	Advanced Seminar in Climate Change and Health Policy	Spring	2	
EH 587	Introduction to Satellite Remote Sensing of the Environment and its Applications to Public Health	Spring	3	
EH 590R	EH Seminar: Initiation and Mgmt. of Research Projs. Under Constrained Conditions (mini-course/4-day format held in Feb.)	Spring	1	
EH 590R	Topics in Health: Genome, Exposome and Health	occational	2	
EH 590R	Computational Systems Biology: Modeling Biological Responses	Fall	2	
EHS 740	Molecular Toxicology	Spring	2	
EHS 750	The Environmental Determinants of Infectious Diseases	Spring	2	
EHS 760	Advanced Risk Assessment	Spring	2	

**Additional Electives:**

Course #	Title	Credit	Semester Taken

- CITI Training Certificate (via IRB website: <http://www.irb.emory.edu/>)
- Practicum Web Client
- Check on the Enrollment Services webpage for course schedules and permissions (see each semester link on the left side of the page): <https://www.sph.emory.edu/rollins-life/enrollment-services/index.html>
- Check the course catalog for pre-requisite requirements. If a course is permission only, contact the course department's ADAP or instructor for permission, then email the permission to the EH ADAP to register you.
- By final semester, complete all items on the EH Graduation Checklist and the checklist in Clifton Notes.

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**SUGGESTED SEQUENCE**

COURSE NUMBER	COURSE NAME	CREDITS
<b>Junior Yr (Fall 3)</b>	<i>Flexible with fall 4 classes below.</i>	
EH 590R or	Introduction to Environmental Health (preferred)	1
EH 500	Perspectives in Environmental Health	2
BSHE, HPM, or GH 500	Required Core	2
If you have already taken college-level biology AND chemistry, you can also consider enrolling in:		
EH 520	Human Toxicology	3
	<b>Semester Total:</b>	<b>2-4</b>
<b>Junior Yr (Spring 3)</b>		
BSHE, HPM, or GH 500	Required Core	2
<b>Senior Yr (Fall 4)</b>	Any of the following; BIOS 500 recommended prior to or concurrently with EPI 530.	
EH 520	Human Toxicology	3
BIOS 500	Statistical Methods I w/lab	4
EPI 530	Epidemiologic Methods I w/lab (or in fall 5)	4
	<b>Semester Total:</b>	<b>11</b>
<b>Senior Yr (Spring 4)</b>		
EH 510	Foundations of Exposure Science	2
BSHE, HPM, or GH 500	Required Core	2
EH 530	Environmental Epidemiology (EPI 530 pre-req, so yr 5 if necessary)	2
GH 555	Proposal Development (if doing a GFE)	2
	<b>Semester Total:</b>	<b>9+</b>
<b>Summer 4</b>	Most students will complete their practicum experience and begin working on thesis/capstone.	
<b>Fall 5</b>		
EH 524	Risk Assessment I	2
EH 550 <i>or</i> EH 593R**	Environmental & Occupational Health Practice Data Analysis in Environmental Health	2 1
EH 596	Research Design in Environmental Health	1
Cores and/or Elective(s)	Required Core and/or General Electives	2-4
	<b>Semester Total:</b>	<b>9-16</b>
<b>Spring 5</b>		
BIOS 501*	Statistical Methods II w/lab	4
EH 599R <i>or</i> EH 594	Thesis <i>or</i> Capstone Seminar: Skills for Environmental Health Professionals	4 4
EH 570	Environmental & Occupational Health Policy	3
EH 595	Practicum	0
Cores and/or Elective(s)	Required Core and/or General Electives	2-4
	<b>Semester Total:</b>	<b>9+</b>

\*Recommended (not required)

\*\*Must have data to bring to the class

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**BS/MPH TIPS/REMINDERS:**

- Maintain 3.25 GPA to remain in the program
- Curriculum
  - Take BIOS 500 either prior to or concurrently with EPI 530
- Attend RSPH events, seminars, etc.
- Attend BS/MPH department sessions and advising meetings
- Schedule advising appointments with EH ADAP prior to each semester's registration.
  - EH ADAP must register you for RSPH courses each semester. Email your preferred schedule with course numbers and class numbers prior to registration each semester.
- Meet with EH Faculty Advisor regularly to discuss courses, interests, networking, goals, needs, and provide feedback about the program
- RSPH and the College may start classes on different days or have other variations. Always check the registrar calendars for semester start-dates and schedules (<http://www.sph.emory.edu/rollins-life/enrollment-services/index.html>), as well as your weekly schedule view in OPUS.
- In January of senior year, submit official RSPH application. This is not through the normal route (SOPHAS), but via special webpage/instructions sent directly by ADAP.
  - To be considered for Merit scholarships, the following are also required:
    - GRE; official scores must be submitted to Rollins by the January (senior year) application deadline.
    - updated personal statement and resume outlining new involvement/interests/goals for the program.
  - Submit official transcripts for all undergraduate schools attended, including Emory. Submit final Emory transcripts again to RSPH Admissions after graduation.
- Orientation:
  - Attend BS/MPH orientation when accepted into the program (coordinated by EH and ENVS)
  - Students are required to participate in RSPH new student orientation activities in August before their senior year. EH ADAP will forward the schedule to you in the summer.
- Be aware that your email will transition from Emory College to the RSPH system. If you feel messages are not reaching you, notify the EH ADAP.
- EH ADAP will request that you are added to the RSPH Career Services Rollins Opportunities Network (ROL).
- When entering in year 5, ADAP will notify student services to adjust your graduation term to ensure you receive emails regarding graduation.
- Students follow guidelines and policies of both schools, but when they differ, the policies for the student's "home" school where they are currently matriculated take precedence.
- BS-MPH students are considered dual degree, and are billed the RSPH dual degree [tuition rate](#) in year 5.