

**Area Requirements**

CPH 601	Occupational and Environmental Health I	3
CPH 620	Occupational and Environmental Health II	3
CPH 622	Toxic Agents and Their Implications in Public Health	3

**Electives**

CE 555	Microbial Aspects of Environmental Engineering	3
CPH 610	Injury Epidemiology and Control	3
CPH 614	Managerial Epidemiology	3
CPH 617	Occupational and Environmental Epidemiology	3
CPH 728-a	Special Topics in Occ/Env Health: Health of Agricultural Populations	3
CPH 728-b	Special Topics in Occ/Env Health: Advanced Agricultural Health	3
CPH 729	Independent Study in Occupational & Environmental Health	1-3
CPH 790	Water Sanitation and Health	3
CPH TBA	Environmental Risk Assessment (new, under development)	3
CPH TBA	Scientific Writing in Preventive Medicine & Public Health (new)	3
CPH TBA	The Health of Kentuckians (new, under development)	3
CPH TBA	Occ/Env Health Policy (new, under development)	3
CPH 695	Public Health Practice through Service Learning	3
CPH 662	Public Health Response to Terrorism & Disaster	3
ENT 561	Insects Affecting Human and Animal Health	3
BIO 582	Virology	3
TOX 509	Biochemical and Environmental Toxicology	3
TOX 680	Molecular Mechanisms in Toxicology	5
KHP 515	Anatomical and Mechanical Kinesiology	3
KHP 615	Biomechanics	3
KHP 618	Work Hardening & Ergonomics	3
PHY 472G	Interaction of Radiation with Matter	3
RM 545	Radiation Hazards and Protection	3

**Students focusing on Environmental Health must complete the area requirements listed above and choose, in consultation with their academic advisor and/or Department Chair, additional courses from the list of electives that will meet the student's educational and career objectives.**

**Other electives are permissible. Check with your Academic Advisor.**

# Environmental Health Curriculum Overview

## Students pursuing a MPH with a concentration in Environmental Health...

- A. Should take the introductory course "Occupational and Environmental Health I (CPH 601) in their first semester.
- B. should take CPH 620, "Occupational and Environmental Health II", and CPH 622, "Toxic Agents and Their Implications in Public Health", in their second semester.
- C. are required to take three elective courses (9 semester hours). It is recognized that courses outside of the Department of Preventive Medicine and Environmental Health may complement students' academic and professional goals. Students wishing to take a course as a substitute for one of the environmental health electives must have the change approved in advance by the Department Chair.
- D. must complete a field practicum and a capstone experience. The capstone will include a project paper with an oral defense.

On average, it will take full-time students four semesters and a summer session to complete the MPH degree with a concentration in Environmental Health. For part-time students, completion varies from 3 ½ to 5 years.

### Curriculum Summary:

The 5 MPH core courses:	15 hours
1. Epidemiology, CPH 605	
2. Biostatistics, STA 580	
3. Public Health Dis & Prevention, CPH 604	
4. Occ/Env Health I, CPH 601(a/k/a Env Health)	
5. Mgmt of Public Health Organizations, CPH 650	
Public Health Practice, CPH 663	3 hours
Research Methods, CPH 647	3 hours
The two remaining EH Area Requirements	6 hours
1. Occ/Env Health II, CPH 620 (a/k/a Occp Health)	
2. Toxic Agents, CPH 622	
Three EH electives	9 hours
Capstone, CPH 608	3 hours
Practicum Field Experience, CPH 609	<u>3 hours</u>
<b>Minimum total hours</b>	<b>42 hours</b>

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**Sample full time EH Schedule:**

Year One					
Fall – 12 Credit Hours		Completed		Spring – 12 Credit Hours	Completed
STA 580 Biostatistics I ■	3			CPH 605 Epidemiology ■	3
CPH 604 Pub Health & Dis Prev ■	3			CPH 650 Mgt of PH Orgs ■	3
CPH 647 Research Methods	3			CPH 620 Occ/Env Health II	3
CPH 601 Occ/Env Health I ■	3			CPH 622 Toxic Agents	3

■ Required MPH Core Course

Summer – 3 credit hours					
CPH 609 Field Practicum	3				

Year Two					
Fall – 12 Credit Hours		Completed		Spring – 3 Credit Hours	Completed
CPH 608 Capstone	3			EH Elective:	3
CPH 663 Public Health Practice	3			Capstone Presentation & Defense	0
EH Elective:	3				
EH Elective:	3				

NOTE: You must enroll for at least 9 semester hours to be “full time” in the MPH program.

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