

# UNIVERSITY OF GEORGIA COLLEGE OF PUBLIC HEALTH

## PhD Requirements – Environmental Health Science

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The PhD in Environmental Health Science requires 30 hours of course work. For students entering with a M.S. (or other Master's) degree, 16 hours must be taken at the 8000 level; those with no master's degree must successfully complete at least an additional 4 hours in graduate-only courses. For all students, greater than 50% of hours on the program of study must be in classes that are limited to graduate students only. Additionally, all students are expected to enroll in research hours (EHSC 9000) while they work toward their degree.

### PhD Core Required Courses: 18-21 hours

EHSC 7010 (3 h)	Fundamentals of Environmental Health Science (can be waived for those with prior courses in EHS)
EHSC 8010 (3 h)	Advanced Topics in Environmental Health Science I
GRSC 8550 (1 h)	Responsible Conduct of Research
EHSC 8050 (1 h)	Proseminar in Environmental Health
EHSC 8030 (1h)	Graduate Seminar in Env. Hlth. Res. (3 semesters are required)
BIOS/STAT 8XXX (3 h)	Biostatistics (advanced course)
EPID 8XXX (3 h)	Epidemiology (advanced course)
EHSC 9300 (3 h)	Dissertation
EHSC 8150 (1 h)	Environmental Health Seminar [Exit Seminar]

### PhD Elective Courses: 9 hours

Course selection will be determined between student, major professor and dissertation committee.

- $\geq 6$  h must be from courses with EHSC prefix

### List of Graduate-Level Electives Offered through the Dept. of Environmental Health Science

<i>EHSC 6060 3 hr Ecotoxicology</i>	<i>EHSC 8220 4 hr Predictive Toxicology Using Mathematical Models</i>
<i>EHSC 7010 3 hr Fundamentals of Environmental Health Science</i>	<i>EHSC 8250 3hr Biomarkers: Public Health, Clinical, and Environmental Tox</i>
<i>EHSC 7080 3 hr Advanced Environmental Air Quality</i>	<i>EHSC 8310 3 hr Advanced Topics Aquatic Microbiology, Health, Environ.</i>
<i>EHSC 7150/L 3 hr Occupational Hygiene and Safety</i>	<i>EHSC 8350 3hr Fundamentals of Ecotoxicology</i>
<i>EHSC 7310 3 hr Public Health Microbiology</i>	<i>EHSC 8400 3hr Occupational and Environmental Diseases</i>
<i>EHSC 7410 3 hr Global Environmental Health: Focus on Developing Countries</i>	<i>EHSC 8410 3 hr Oceans and Human Health</i>
<i>EHSC 7490 3 hr Advanced Environmental Toxicology</i>	<i>EHSC 8450 3 hr Genome Technologies</i>
<i>EHSC 7550 3 hr Solid and Hazardous Waste Management</i>	<i>EHSC 8460 3 hr Environmental Genomics</i>
<i>EHSC 7650 3 hr Water Quality</i>	<i>EHSC 8510 3 hr Environmental Risk Assessment and Communication</i>
<i>EHSC 7900 3 hr Integrative Global Environment (Study Abroad)</i>	<i>EHSC 8540 3 hr Microbial Quantitative Risk Assessment</i>
<i>EHSC 8010 3 hr Advanced Topics in Environmental Health I</i>	<i>EHSC 8550 3 hr Developmental and Reproductive Toxicology</i>
<i>EHSC 8020 3 hr Advanced Topics in Environmental Health II</i>	<i>EHSC 8610 3 hr Aquatic Toxicology</i>
<i>EHSC 8100 2-3 hr Current Topics in Environmental Health Science</i>	<i>EHSC 8630 4 hr Quantitative Ecological Toxicology</i>
<i>EHSC 8110 3 hr Fundamentals Of Chemical and Microbial Risk Assessment</i>	<i>EHSC 8650 3 hr Advanced Environmental Chemistry</i>
<i>EHSC 8120 3 hr Roles and Responsibilities of Environmental Policy Makers</i>	<i>EHSC 8710 3 hr Issues in Biosafety and Biosecurity</i>
<i>EHSC 8210 3hr Cancer Etiology and Prevention</i>	<i>EHSC 8800 1-3 hr Special Problems in Environmental Health Science</i>
	<i>EHSC 8930 3 hr Chemical Toxicology</i>

