

# University of Georgia College of Public Health

## Master of Science Requirements — Environmental Health Science

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The M.S.E.H. requires a minimum of 32 semester hours, including 23 hours of coursework (at least one half must be in courses open only to graduate students), related Master's-level research (6 hours) and completion of a thesis approved by the Master's committee (3 hours). The curriculum comprises the following areas and courses:

### MSEH Core Requirement Courses: 15 hours

- BCMB 6000 (or higher) General Biochemistry and Molecular Biology
- EHSC 6010 Proseminar in Environmental Health
- EPID 7010 (or higher) Introduction to Epidemiology
- BIOS 7010-7020 Introductory Biostatistics I and II
- EHSC 8150 Environmental Health Seminar

### Examples of Environmental Health Science Elective Courses

Choose at least 4 classes:

- EHSC 6080 Ecotoxicology
- EHSC 6080 Environmental Air Quality
- EHSC 6090 Emerging Technologies: Bioremediation
- EHSC 6100 Industrial Hygiene
- EHSC 6150 Solid and Hazardous Waste Management
- EHSC 6310 Environmental Microbiology
- EHSC 6400 Environmental Issues in the Developing World
- EHSC 6490 Environmental Toxicology
- EHSC 6610 Water Pollution and Human Health
- EHSC 6700 Genetic Applications in Environmental Health Science
- EHSC 6710 Environmental Biotechnology
- EHSC 7060 Fundamentals of Environmental Health Science
- EHSC 8100 Current Topics in Environmental Health Science
- EHSC 8110 Fundamentals of Chemical & Microbial Risk Assessment
- EHSC 8220 Predictive Toxicology Using Mathematical Models
- EHSC 8310 Advanced Topics in Aquatic Microbiology, Health and the Environment
- EHSC 8410 Oceans and Human Health
- EHSC 8510 Environmental Risk Assessment and Communication
- EHSC 8540 Microbial Quantitative Risk Assessment
- EHSC 8550 Developmental & Reproductive Toxicology
- EHSC 8610 Aquatic Toxicology
- EHSC 8630 Quantitative Ecological Toxicology
- EHSC 8800 Special Problems in Environmental Health Science
- EHSC 8930 Chemical Toxicology

### College of Public Health Seminar (PBHL 8200, 1 hr):

Students in the MSEH program are required to take this seminar course one time during their program of study. The course will incorporate guest speakers representing all areas of public health.

### Master's Research and Thesis Requirements:

- EHSC 7000 Master's Research (6 hours)
- EHSC 7300 Master's Thesis (3 hours)

