The M.S.E.H. requires a minimum of 36 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 with EHSC prefix) 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:**

- EHSC 7010 or 8010 Intro to Environmental Health Science (or Advanced EHS)
- EHSC 8030 Graduate Seminar in Enviro. and Public Health Research
- EHSC 8050 Proseminar in Environmental Health
- EHSC 8150 Environmental Health Seminar
- BCMB 6000 (or similar) General Biochemistry and Molecular Biology
- PBHL 7100 Public Health
- BIOS 7020 Introductory Biostatistics II
- EHSC 7000 Master’s Research
- EHSC 7300 Master’s Thesis

**For Teaching Assistants (TAs) Only**

- GRSC 7770 Graduate Teaching Assistant Seminar

**Examples of Environmental Health Science Elective Courses**

(With the approval of your graduate committee; note that this list may not be complete.)

- EHSC 6250 Environmental and Public Health Law
- EHSC 6310 (L) Environmental Microbiology
- EHSC 6320 (L) Food Safety Control Programs
- EHSC 6600 Ecotoxicology
- EHSC 7010 Fundamentals of Environmental Health Science
- EHSC 7080 Advanced Environ. Air Quality
- EHSC 7150 (L) Occupational Hygiene and Safety
- EHSC 7310 Public Health Microbiology
- EHSC 7490 Principles of Toxicology
- EHSC 7550 Solid and Hazardous Waste Management
- EHSC 7650 Water Quality: Protection, Monitoring, and Management
- EHSC 7900 Integrative Global Environment & Public Health
- EHSC 8010 Adv Topics in Environ. Health I
- EHSC 8020 Adv Topics in Environ. Health II
- EHSC 8100 Current Topics in EHS
- EHSC 8110 Fundamentals of Chemical and Microbial Risk Assessment
- EHSC 8120 Roles and Responsibilities of Environ. Policy Makers
- EHSC 8210 Cancer Etiology and Prevention
- EHSC 8250 Biomarkers: Public Health, Clinical, and Environmental Toxicology
- EHSC 8310 Adv Topics Aquatic Microbiology, Health, Environment
- EHSC 8350 Fundamentals of Ecotoxicology
- EHSC 8410 Oceans and Human Health
- EHSC 8450 Genome Technologies
- EHSC 8460 Environmental Genomics
- EHSC 8510 Environ. Risk Assessment and Comm.
- EHSC 8550 Developmental and Reproductive Toxicology
- EHSC 8610 Aquatic Toxicology
- EHSC 8630 (L) Quantitative Ecological Toxicology
- EHSC 8650 Advanced Environmental Chemistry
- EHSC 8710 Issues in Biosafety and Biosecurity
- EHSC 8800 Special Problems in Environmental Health Science
- EHSC 8930 Chemical Toxicology

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