ENVIRONMENTAL HEALTH CERTIFICATE (GRADUATE)

The Graduate Certificate in Environmental Health is designed for students in other programs at Tulane SPHTM who wish to acquire more in-depth knowledge of the relationship between the environment and public health. For example, an epidemiology major may have an interest in applying epidemiologic principles to the study and management of environmental risk factors of disease; a community health sciences major might plan to work on health problems related to the built environment; a global health systems and development major may plan to work overseas and want experience in environmental health; and an infectious disease or tropical medicine major might address the environmental influences on infectious and tropical diseases, such as the impact of climate change on vector control. Environmental health impacts nearly all areas of public health and this certificate will provide students with that additional applied knowledge that will be useful in their future careers.

This graduate certificate serves as a second area of study for SPHTM student enrolled in the MPH, MSPH or MPHTM degrees

Offered by: Department of Global Environmental Health Sciences

Faculty Lead: Roy Rando, ScD (https://sph.tulane.edu/gehs/roy-rando-msph-scd/)
Environmental Health Certificate Enrollment Form (https://tulane.box.com/v/gehs-certificate-enroll/)

Certificate Purpose
Students earning the Certificate in Environmental Health will be prepared to apply scientific principles to recognize, evaluate, prevent, and mitigate environmental public health problems and threats both locally and globally, and will gain knowledge and skills related to environmental health science, practice, and policy.

Eligible Students
This certificate program is designed for current MPH/MSPH/MPH&TM/MHA students who are not pursuing a master’s degree in any Global Environmental Health Sciences program. The certificate is a complement to degrees in other areas.

Certificate Competencies
Students who earn the Certificate in Environmental Health will be able to:

• Evaluate global, regional, community, and workplace environmental health concerns involving water quality, air pollution, food safety, waste management, and resource sustainability (GEHS 6420, GEHS 6510, GEHS 6590, GEHS 6110, GEHS 6540, GEHS 6720);
• Describe methods for assessment and management of biological, chemical, and physical contamination of the environment and environmental media (GEHS 6420, GEHS 6510, GEHS 6590, GEHS 6720); and
• Communicate environmental health concepts and concerns to peer groups, health practitioners, and the general public (GEHS 6420, GEHS 6510, GEHS 6590, GEHS 6110, GEHS 6540).

Number of Credits Required for Completion: 15

Requirements

Prerequisite Courses
Course ID     Title                              Credits
ENHS 6030    Survey of Environ Health                          3

Total Credit Hours  3

Applicants should also have a suitable undergraduate background in the basic or applied sciences.

Required Courses
Course ID     Title                              Credits
ENHS 6110    Glob Clim Chg: Issue PH Policy                   3
ENHS 6420    Global Food Safety and PH                      3
ENHS 6510    Water Quality Management                       3
ENHS 6600    Principles of Toxicology                        3

Chose one of the following:
ENHS 6540    Occupational Health                            3
ENHS 6720    Principles Indus Hygiene                         3

Total Credit Hours  15

Students should consult with their academic advisor to determine which certificate best fits their professional and academic goals and how best to plan their graduate course schedule.