

# PUHE-510: Environmental Health Science in Public Health

This course is designed to present an interdisciplinary perspective on human health risks from biological, chemical, and physical agents in their environment. The environmental settings that the course will focus on include the outdoors, the home, and the work setting. The course will cover the issues, principles, and trends in the study of the environmental impact on public health. These factors will be illustrated by a discussion of specific environmental exposures, hazards, and illnesses. In addition, the issue of environmental justice in minority communities will be presented and discussed. The course will also be utilizing the databases from the National Library of Medicine, particularly those from Environmental Health, Toxicology, & Chemical Information system. Further, the course will also utilize GIS as a component in determining environmental health risk. Finally, the impact of the rapidly evolving knowledge about genetics on public health environmental issues will be assessed.

**Credits:** 3

**Program:** Master Of Public Hth Program