

IGPH - PUBLIC HEALTH (ONLINE UG)

IGPH 5020 Introduction to Environmental Public Health (3 Credit Hours)

This course introduces students to the field of environmental health in a public health context. The effects of infectious agents, toxic chemicals, air pollutants, and ionizing radiation on human health are examined. Identifying upstream sources and downstream solutions – with a particular focus on health equity – is emphasized. Emerging topics such as the impact of climate change on environmental health globally, and the interconnectedness among human health, animal health, and environmental health are included. Public health applications are incorporated through case studies and a comprehensive key assessment project.

Academic Level: Undergraduate

IGPH 5021 Introduction to One Health (3 Credit Hours)

In this course, students explore the many and varied interrelationships among human, animal, and environmental health from a public health framework. Readings, lectures, and course activities are designed to guide students through a transdisciplinary exploration of national and global One Health initiatives. Students will apply One Health principles through case studies and the application of systems thinking tools to visually represent public health issues.

Academic Level: Undergraduate