Course Typically Offered: Fall, Spring

PH 141. Applied Ergonomics

Studies the science of ergonomics as it relates to injury/illness prevention and the promotion of a quality work environment. Ergonomics is the evaluation of people and their tools, materials, and equipment in a work setting. (Formerly H S 166T)

Units: 3
Course Typically Offered: Fall

PH 143. Occupational and Industrial Safety

Application of safety and accident prevention measures that provide a basis for insight into the hazards of occupational and industrial situations.

Units: 3

PH 145. Occupational Safety and Environmental Health Management

Concepts and principles dealing with the problems, processes, evaluation, and solutions in the development, implementation, and management of an effective environmental health and occupational safety program.

Units: 3

PH 151. Health Law and Legislation

The theory and practice of managing inspection-based enforcement programs in health care and environmental health areas, with emphasis on legislation, procedure, and cases relating to public health.

Units: 3
Course Typically Offered: Fall

PH 154. Health Care Administration

Organizational design and managerial principles as they apply to the private sector of health care.

Units: 3
Course Typically Offered: Spring

PH 160. Principles of Toxicology

Basic principles and concepts of toxicology with a particular emphasis on the regulation of environmental and industrial toxicants for man/woman.

Units: 3
Course Typically Offered: Spring

PH 161. Environment and Human Health

General principles of environmental health with a particular emphasis on the interaction between man/woman and the environment. Environmental epidemiology, water, wastewater, air, solid waste, ionizing radiation, and noise. Focuses on prevention and control disease and injury caused by chemicals, food protection, air/ water quality radiation, hazardous waste, et cetera.

Units: 3
Course Typically Offered: Fall, SpringGE Area: IB

PH 162A. Environmental Health Concepts

Basic principles and concepts of environmental health with a particular emphasis on health hazards, communicable disease control, contamination control, food protection, rodent control, managing special environments, planned environments, and environmental health organizations. (Formerly HS 162)

Units: 3
Course Typically Offered: Fall

PH 162B. Environmental Health Application

Prerequisites: PH 162A or concurrent. Problems of environmental health studied through field trips, observations, demonstrations, and seminars. (2 lecture, 2 lab hours) (Formerly HS 165)

Units: 3
Course Typically Offered: Spring

PH 163. Public Health Administration

Principles of public health administration, fundamentals of organization, and administration in public health.

Units: 3
Course Typically Offered: Fall, Spring

PH 164. Vector Control

Role vectors of disease play in human health. Basic principles and concepts of vector control. Particular emphasis is given to diseases vectored by arthropods and rodents.

Units: 3

PH 166T. Water Quality and Health

This course will investigate, discuss, and debate major emerging water quality issues which threaten our water sustainability and the regulatory paradigms to address these challenges and waterborne diseases associated with it.

Units: 3, Repeatable up to 12 units

PH 167. Public Health Laboratory Techniques

Designed to provide training in the use of laboratory procedures and techniques of adjusting and operating monitoring equipment used in water quality, air pollution, noise pollution, food sanitation, radiological health, and toxic substances. (2 lecture, 2 lab hours) (Lab fee, $25)

Units: 3

PH 168A. Occupational Health Concepts

Concepts of occupational health as they pertain to appraising and controlling environmental health hazards; occupational diseases, chemical, biological, and physical agents that produce organic or systemic damage. Problems in toxicology, measurement instruments, and evaluating health hazards. (Formerly HS 168)