

ENVIRONMENTAL & OCCUPATIONAL HEALTH SCIENCE (EOHS)

EOHS 510 Watershed Management and Science 3 Hours

Watershed management and science including water resources protection, watershed health development and assessment, and environmental and water ethics.

Recent Term(s) Offered: fall 2017

EOHS 546 Environmental & Occupational Health Science Internship 3,6 Hours (repeatable max of 6 hrs)

Supervised experience in an organization, facility, industry or business with Environmental, Occupational Health & Safety or Workplace Health Promotion responsibilities (or a combination of those). Assignments individually arranged. Off-campus travel required.

Prerequisite(s): Permission of EOHS Internship Coordinator.

Grade Mode: Pass/Fail

Recent Term(s) Offered: spring 2017

EOHS 560 Environmental Management and Risk Assessment 3 Hours

Application of environmental management systems, methods, and tools to mitigate threats to environmental and human health. Guide students to understand their role as an environmental health professional working with the public and private sectors in controlling adverse environmental conditions through the competencies of assessment, management, and communication. Application of risk assessment as it relates to human and environmental health.

Prerequisite(s): PH 584 or permission of instructor.

Recent Term(s) Offered: None

EOHS 570 Industrial Hygiene 3 Hours (repeatable max of 6 hrs)

Presents contemporary occupational exposure and hazard issues in the workplace. Issues of industrial hygiene and general methods of control are addressed. Field trips required; students responsible for own transportation.

Prerequisite(s): PH 520 and PH 577.

Recent Term(s) Offered: spring 2016; fall 2017

EOHS 571 Air Quality Management 3 Hours

Examines the origins, dispersion, control and effects of air pollution; indoor air pollution; and the history of air quality control management. Provides a balanced account of air quality control regulations including the provisions and implications of the Federal Air Quality regulations, standards, setting, policy implementation and technical and management aspects of air quality control.

Prerequisite(s): PH 584 or permission of instructor.

Course Fee: \$50

Recent Term(s) Offered: fall 2017

EOHS 572 Environmental and Occupational Epidemiology 3 Hours

The course will introduce student to the research approaches for the epidemiologic study of the environmental and workplace hazards. This course involves the study and reasoning of environmental and occupational epidemiologic study designs, basic and novel methods of characterizing exposures, and techniques for designing epidemiologic studies and implementing methods to improve the evaluation of research in these fields.

Prerequisite(s): PH 520 and PH 582.

Recent Term(s) Offered: None

EOHS 577 Environmental Toxicology 3 Hours

Toxicological principles and environmental risk assessment with emphasis on routes of exposure, biokinetics, and response to chemical stressors.

Recent Term(s) Offered: None

EOHS 580 Solid and Hazardous Wastes 3 Hours

Management of solid and hazardous wastes in the environment.

Emphasis on regulatory compliance, control and remediation technologies, and environmental pathways.

Recent Term(s) Offered: spring 2017

EOHS 595 Public Health Management of Disasters 3 Hours

Examines the background and history of natural and technological disasters, their characteristics, human health and environmental impacts, and the management activities needed to control them. Provides an overview of federal programs to enhance state and local prevention, preparedness, and public health response to disasters.

Prerequisite(s): PH 584 or permission of instructor.

Recent Term(s) Offered: None