ENVIRONMENTAL & OCCUPATIONAL HEALTH SCIENCE (EOHS)

EOHS 502  Health Promotion in the Workplace  3 Hours
Provides specific skills and concepts for worksite health promotion as it pertains to designing, implementing, and evaluating multifaceted health promotion programs in the workplace. Additional skills acquired in this course include financial and marketing strategies, policy development, and effective communication between employer and employee.
Equivalent(s): PH 502
Recent Term(s) Offered: None

EOHS 503  Health Assessment in Workplace  3 Hours
This course presents concepts and teaches skills needed to assess health status at the individual, organizational, and community levels in a workplace wellness environment. Emphasis is placed on, but not limited to, physical and psychological components of health.
Equivalent(s): PH 503
Recent Term(s) Offered: None

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; fall 2018

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. Note: Off-campus travel required. Permission of EOHS internship coordinator required.
Recent Term(s) Offered: spring 2016; fall 2017; fall 2018

EOHS 550  Principles of Occupational Safety and Health  3 Hours
Examines the principles of occupational safety and health in the workplace for controlling hazards, preventing occupational exposures, and improving worker health. Concepts surveyed will include hazards in the workplace, hazard and safety analysis, hierarchy of controls, injury prevention, industrial hygiene, workplace health promotion, and occupational safety and health management.
Recent Term(s) Offered: fall 2018

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.
Equivalent(s): PH 584 or permission of instructor
Recent Term(s) Offered: fall 2017

EOHS 570  Industrial Hygiene  3 Hours (repeatable max of 6 hrs)
Provides a balanced account of air quality control regulations including indoor air pollution; and the history of air quality control management. Provides an overview of federal programs to enhance state and local prevention, preparedness, and public health response to disasters. Note: Field trips required; students responsible for own transportation.
Prerequisite(s): EOHS 577 and PH 520
Recent Term(s) Offered: spring 2016; fall 2017; fall 2018

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: spring 2018

EOHS 572  Environmental and Occupational Epidemiology  3 Hours
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: spring 2018

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; spring 2018; fall 2018

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

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