Courses in School of Public Health

Environmental Health Sciences

Graduate Courses

H Ehs 590
Introduction to Environmental Health (3)
This course offered online through the Blackboard Learning System. Basic concepts of the modes of transmission of environmental stressors from source or reservoir to host and methods of reducing their impact on human population; basic concepts, methods and premises of environmental risk management. Priority enrollment for students enrolled in online MPH and Certificate in Public Health Fundamentals. E-mail phcertificate@albany.edu to request permission to enroll.

(1681) Wilson, Lloyd
12 Week: May 23-August 12
Online course in Blackboard

Epidemiology

Graduate Courses

H Epi 500
Basic Principles and Methods of Epidemiology I (3)
This course offered online through the Blackboard Learning System. Introduction to epidemiology for students majoring in any aspect of public health other than epidemiology; covers the principles and methods of epidemiologic investigation including describing the patterns of illness in populations and research designs for investigating the etiology of disease. Introduces quantitative measures to determine risk, association and procedures for standardization of rates. Other topics include bias, confounding, causality, ethics, and screening. Priority enrollment for students enrolled in online MPH and Certificate in Public Health Fundamentals. E-mail phcertificate@albany.edu to request permission to enroll.

(2109) Staff
12 Week: May 23-August 12
Online course in Blackboard

H Epi 503
Principles of Public Health (3)
This course offered online through the Blackboard Learning System. Introduction to the basic principles of public health and their application to the development of activities that benefit the health status of populations. The skills of epidemiology, biostatistics, health care planning and policy development, health care administration, and community organization are applied to the assessment of public health needs and the development of prevention and control initiatives. Priority enrollment for students enrolled in online MPH and Certificate in Public Health Fundamentals. E-mail phcertificate@albany.edu to request permission to enroll.

(2110) Staff
12 Week: May 23-August 12
Online course in Blackboard

H Epi 551 (=H Sta 552)
Basic Principles of Statistical Inference (3)
This course offered online through the Blackboard Learning System. General introduction to statistical methods used in the health sciences including basic descriptive and inferential statistics. Computing is introduced and used throughout the course. Sta 551 satisfies the core requirement for statistics for students
not planning to take HEpi/HSta 553. Priority enrollment for students enrolled in online MPH and Certificate in Public Health Fundamentals. E-mail phcertificate@albany.edu to request permission to enroll.

(1689) Gensburg, Lenore
12 Week: May 23-August 12
*Online course in Blackboard*

**H Epi 630**
Global Perspectives in Epidemiology (3)
*This course offered online through the Blackboard Learning System.* Global health is of critical importance with the emergence of new diseases such as SARS and H1N1, the potential threat of biological agents such as anthrax, the continued prevalence of diseases such as malaria and dengue, the co-evolution of HIV and multiple drug resistant tuberculosis, the return of once-vanquished diseases like polio, and the export of chronic diseases from industrialized countries to the rest of the world. This course will explore key epidemiologic principles to address these issues and suggest interventions to improve poor health and reduce disease and disability worldwide. Prerequisites: Required: Epidemiology 501; Ideal: Epidemiology 502; Preferred but not required: Basic course(s) in Anthropology, Sociology, and Biology. Permission of instructor required.

(2111) O’Grady, Thomas
12 Week: May 23-August 12
*Online course in Blackboard*

**Health Policy and Management**

**Graduate Courses**

**H Hpm 500**
Health Care Organization, Delivery and Financing (3)
*This course offered online through the Blackboard Learning System.* This is an introductory course intended to familiarize students with the organization, delivery and financing of the health care system. The course covers historical, societal, political and economic forces influencing the accessibility, cost and quality of personal and public health services. Descriptions of the current structures within the system, as well as changes occurring (the advent of managed care) and their effect are emphasized. Health care concepts and terminology, provider characteristics, methods of financing, government regulations and private sector services will be discussed. The course is designed to provide baseline understanding of the US health care system and its dynamics. But it is also meant to begin training the student on how to apply this understanding to issues in health policy and management. Priority enrollment for students enrolled in online MPH and Certificate in Public Health Fundamentals. E-mail phcertificate@albany.edu to request permission to enroll.

(1834) Staff
12 Week: May 23-August 12
*Online course in Blackboard*

**H Hpm 525**
Social and Behavioral Aspects of Public Health (3)
*This course offered online through the Blackboard Learning System.* This course is designed to enable students to apply principles and concepts for social, behavioral, and cultural perspectives to public health. The intent of the course is to provide students with concepts and tools from the social sciences in order to improve their ability to analyze, understand and solve public health problems. Students will: gain understanding of the significance of social, cultural, psychological, and behavioral factors in relation to health status and well-being; analyze public health problems in terms of the social, psychological, cultural, economic, and demographic factors that contribute to or protect from vulnerability to disease, disability, and death; and gain the knowledge necessary to apply social science theory, research, and principals to the critical analysis of the appropriateness of psychosocial interventions. Priority enrollment for students
enrolled in online MPH and Certificate in Public Health Fundamentals. E-mail phcertificate@albany.edu to request permission to enroll.

(2199) Staff
12 Week: May 23-August 12
*Online course in Blackboard*

**H Hpm 645**
Global Health (3)
*This course offered online through the Blackboard Learning System.* This course explores international public health issues and various health care systems are identified; measures of health outcomes in populations are evaluated. Specific issues to be explored include infectious disease; reproductive health; nutrition; chronic disease; mental health; unintentional injuries and violence; and health and the economy. International health programs and projects as well as the globalization and practice of international health will also be discussed. Each student will select a national public health system for an in-depth study which will identify major population-based health issues and make recommendations for improved outcomes.
Prerequisite: Graduate standing. Permission of instructor required.

(2199) Justino, John
12 Week: May 23-August 12
*Online course in Blackboard*

**Public Health**

**Graduate Courses**

**H Sph 559**
Selected Topics in Public Health: Public Health Nursing (1-3)
*This course offered online through the Blackboard Learning System.* This course provides an overview of public health nursing, the largest professional sector within the public health workforce. Learners will have the opportunity to review the history and definition of public health nursing, and how the two disciplines of public health and nursing intersect in the workplace. Topics also include: core professional competencies for public health professionals and public health nurses, and what the applications of these competencies mean for public health practice; the scope and standards of practice for public health nurses; potential roles in public health agency accreditation, the public health nurse’s role in the pursuit of health equity and social justice; and working with vulnerable populations. The course can be applied toward State Sanitary Code requirements for public health nurse 2 or supervising public health nurse.

(2199) Cravetz, Michelle
12 Week: May 23-August 12
*Online course in Blackboard*

**H Sph 687**
Independent Study and Research in Public Health Practice (1-6)
*This course offered online through the Blackboard Learning System.* Supervised independent study or research of selected topics and problems of public health practice undertaken with a UAlbany instructor. Restricted to students in the online MPH program. Permission of Online MPH Program Director required.

(2199) Kirkwood, Brenda
12 Week: May 23-August 12
*Online course in Blackboard*

**H Sph 696**
Internship in Public Health Practice (3-6)
*This course offered online through the Blackboard Learning System.* Individual directed internship program with an appropriate institution concerned with public health practice. Internship rotations may be full-time or part-time. Each credit represents a minimum of 80 hours of work with the host agency. Restricted to students in the online MPH program. Permission of Online MPH Program Director required.

(2199) Kirkwood, Brenda
12 Week: May 23-August 12
Online course in Blackboard