Courses in School of Public Health

Biomedical Sciences

Graduate Courses

H Bms 505
Biological Basis of Public Health (3)
This course offered online through the Blackboard Learning System. Introduction to field of biomedical sciences and public health, including infectious and transmissible vectors, genetic disease and chronic disorders. Explanation of laboratory based procedures for detection, monitoring, and treating such diseases. Concepts of basic, relevant laboratory methods and data interpretation introduced. Discussion of impacts of nanotechnology on biomedical sciences, medicine and public health. Prerequisite: College level biology or biochemistry or genetics or molecular biology or permission of instructor.
(2328) Murphy, Shawn
12 Week: May 29-August 17
Online course in Blackboard

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.
(1440) Wilson, Lloyd
12 Week: May 29-August 17
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.
(1737) Insaf, Tabassum/Ata, Ashar
12 Week: May 29-August 17
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.

(1738) Carrascal, Alvaro
12 Week: May 29-August 17
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.

(1447) Gensburg, Lenore
12 Week: May 29-August 17
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.

(1739) Savadatti, Sanghamitra
12 Week: May 29-August 17
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.
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.

(1770) Shaw, Benjamin
12 Week: May 29-August 17
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.

(1851) Whittaker, Carol
12 Week: May 29-August 17
Online course in Blackboard

H Hpm 669
Management of Health Educational & Promotional Programs
This course offered online through the Blackboard Learning System. Seminar format to study selected health policy issues. Possible topics include assessing the regulation of the medical care industry in New York; public policy for trauma prevention and care; learning about quality of care implications for public policy; improving the health of people in poverty; setting priorities in environmental and occupational health, theory and practice of health systems planning, nutrition programs and policy, international health, topics in women's health. Prerequisite: HHPM500 or Consent of instructor.

(2031) Bleyenburg, Dawn
12 Week: May 29-August 17
Online course in Blackboard

Public Health

Graduate Courses

H Sph 685
MPH Capstone Seminar (1)
This course offered online through the Blackboard Learning System. As the capstone in the MPH degree, this course encourages students to reflect on competencies they have acquired during the academic and hands-on phases of the degree program. Using an evidence-based public health framework, it helps them
to integrate their knowledge and apply it to new public health issues. Restricted to MPH students graduating in Summer 2016. Prerequisite: Completion of 6 or more credits of MPH internship (concurrent, with permission). See Department for Permission of Instructor.

(1907) Altone, E. Russell

6 Week 3: July 9-August 17

*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.

(1656) Kirkwood, Brenda

12 Week: May 29-August 17

*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.

(1480) Kirkwood, Brenda

12 Week: May 29-August 17

*Online course in Blackboard*