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.

(1956) Murphy, Shawn
12 Week: May 26-August 14
*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.

(1362) Wilson, Lloyd
12 Week: May 26-August 14
*Online course in Blackboard*

Epidemiology

Graduate Courses

H Epi 501
Principles and Methods of Epidemiology I (3)
*This course offered online through the Blackboard Learning System.* Examines the theoretical foundations of public policy research, of alternative models of public policy formation, their methodologies, and the relationship between the theory and practice of the policy sciences. Inquiries into the practice of public policy focus on actual policies in one substantive area, usually economic policies managing inflation. Priority enrollment for students enrolled in online MPH and Certificate in Public Health Fundamentals. E-mail phcertificate@albany.edu to request permission to enroll.

(2208) Carrascal, Alvaro
12 Week: May 26-August 14
*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.

(1624) Ata, Ashar/Insaf, Tabassum
12 Week: May 26-August 14
*Online course in Blackboard*

H Epi 514  
Computer Programming for Data Management and Analysis in Public Health (3)

**This course offered online through the Blackboard Learning System.** The course covers a major statistical computer program (e.g., SAS) used for the management, analysis and reporting of public health data. Topics include, how to access data stored in a variety of formats; techniques for identifying errors and outliers in data sets; combining data from multiple sources into a single data file; calculating statistical and epidemiologic measures; and report writing.

(2467) Gensburg, Lenore
12 Week: May 26-August 14
*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.

(1368) Boscoe, Francis
12 Week: May 26-August 14
*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.

(1461) Radigan, Marleen
12 Week: May 26-August 14
*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.
(1643) Shaw, Benjamin
12 Week: May 26-August 14
Online course in Blackboard

H Hpm 535
Community Based Public Health (3)
This course offered online through the Blackboard Learning System. The goal of this course is to learn a community based perspective of public health and health promotion, stressing an understanding of social determinants of health. The course will include readings about the importance of working with diverse communities, concepts and best strategies for assessing community assets and needs, as well as approaches for community based public health interventions and strategies for collaborating with community members to improve the health of the community. Some topics that will be covered include: coalition building, community assessment approaches, community health workers, social capital, empowerment, and participatory health promotion approaches. The course is geared for students who are interested in working at community based organizations, government agencies, advocacy organizations, and in community based research.
(2416) Bleyenburg, Dawn
12 Week: May 26-August 14
Online course in Blackboard

H Hpm 571
Public Health Leadership (3)
This course offered online through the Blackboard Learning System. This course is designed to provide students an opportunity to acquire the knowledge and skills required for effective public health leadership. The student will gain an understanding of the attributes and skills/behaviors associated with successful public health leaders and the abilities to lead communities toward improved health status. Students will gain an understanding of various leadership styles and an appreciation for a diversity of leadership styles within an organization/work group/community. Each student will develop a strategic plan for personal and professional leadership growth and development. Prerequisite: Graduate standing.
(2185) Whittaker, Carol
12 Week: May 26-August 14
Online course in Blackboard

H Hpm 669
Topics in Health Policy & Management: Grant Writing in Public Health
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.
(2468) Harris, Brett/Maher, Brianna
12 Week: May 26-August 14
Online course in Blackboard

Public Health

Graduate Courses

H Sph 681
Professional Practice in Public Health (3)
This course offered online through the Blackboard Learning System. This course provides a foundation for your MPH degree and focuses on interdisciplinary concepts and skills essential to the practice of public health. It provides a foundation in the core principles and fundamentals of public health practice. It also addresses the professional skills needed to be a successful public health professional, including oral and written communication skills, advocacy, cultural competence, collaboration, negotiation, and interprofessional practice. Prerequisites: Matriculation in MPH program.

(2468) Hadley, Molly
12 Week: May 26-August 14
Online course in Blackboard

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.

(1734) Altone, E. Russell
6 Week 3: July 6-August 14
Online course in Blackboard

H Sph 687
Independent Study and Research in Public Health Practice (1-3)
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.

(1555) Kirkwood, Brenda
12 Week: May 26-August 14
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.

(1395) Kirkwood, Brenda
12 Week: May 26-August 14
Online course in Blackboard