Courses in School of Public Health

Biomedical Sciences

Graduate Courses

H Bms 505
Biological Basis of Public Health (3)
This course offered fully online. 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. Priority enrollment for students in the School of Public Health online programs. Please contact your academic department.
(1824) Murphy, Shawn
12 Week: May 24-August 13

Environmental Health Sciences

Graduate Courses

H Ehs 590
Introduction to Environmental Health (3)
This course offered fully online. 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 in the School of Public Health online programs. Please contact your academic department.
(1307) Wilson, Lloyd
12 Week: May 24-August 13

Epidemiology

Graduate Courses

H Epi 501
Principles and Methods of Epidemiology I (3)
This course offered fully online. 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 in the School of Public Health online programs. Please contact your academic department.
(2014) Ata, Ashar/Insaf, Tabassum
12 Week: May 24-August 13

H Epi 503
Principles of Public Health (3)
This course offered fully online. 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.
H Epi 551 (=H Sta 552)
Basic Principles of Statistical Inference (3)
This course offered fully online. 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 in the School of Public Health online programs. Please contact your academic department.

(1312) Boscoe, Francis
12 Week: May 24-August 13

Health Policy and Management

Graduate Courses

H Hpm 500
Health Care Organization, Delivery and Financing (3)
This course offered fully online. 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 in the School of Public Health online programs. Please contact your academic department.

(1401) Radigan, Marleen
12 Week: May 24-August 13

H Hpm 525
Social and Behavioral Aspects of Public Health (3)
This course offered fully online. 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 in the School of Public Health online programs. Please contact your academic department.

(1569) Shaw, Benjamin
12 Week: May 24-August 13

H Hpm 535
Community Based Public Health (3)
This course offered fully online. 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.

(2176) Bleyenburg, Dawn
12 Week: May 24-August 13

H Hpm 571
Public Health Leadership (3)
This course offered fully online. 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.

(2002) Whittaker, Carol
12 Week: May 24-August 13

H Hpm 669
Topics in Health Policy & Management
This course offered fully online. 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.

Grant Writing in Public Health
(2207) Sinisgalli, Erin
12 Week: May 26-August 14

Global Maternal & Child Health
(2433) Paeglow, Corrie
12 Week: May 26-August 14

Public Health

Graduate Courses

H Sph 681
Professional Practice in Public Health (3)
This course offered fully online. 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. Priority enrollment for students in the School of Public Health online programs. Please contact your academic department.

(2205) Hadley, Molly
12 Week: May 24-August 13

H Sph 696
Internship in Public Health Practice (3-6)
This course offered fully online. 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.
(1338) Kirkwood, Brenda
12 Week: May 24-August 13