Public Health Minor Course Descriptions

REQUIRED CLASSES

Public Health 150: Contemporary Health Issues

Biostatistics 100A: Introduction to Biostatistics
Students who have completed courses in statistics may enroll only with consent of instructor. Not open for credit to students with credit for course 110A. Introduction to methods and concepts of statistical analysis. Sampling situations, with special attention to those occurring in biological sciences. Topics include distributions, tests of hypotheses, estimation, types of error, significance and confidence levels, sample size.

Community Health Sciences 100: Introduction to Community Health Sciences
Introductory course to provide non-Community Health Sciences M.P.H. students and qualified undergraduate students with broad and comprehensive overview of concepts, empirical research, and public health practice in community health sciences, with emphasis on social context and determinants of population health and principles of planning interventions to protect and improve public health. Ways to define and measure health and illness, social construction of illness, social and behavioral determinants of health, and health disparities, including socioeconomic status, race/ethnicity, gender, and age. Social and behavioral theories of health-related behavior change, health promotion strategies and methods, and public policy. Case studies of evidence-based health promotion programs provided.

Environmental Health Sciences 100: Introduction to Environmental Health
Introduction to environmental health, including coverage of sanitary principles and chronic and acute health effects of environmental contaminants.

Epidemiology 100: Principles of Epidemiology
Introduction to epidemiology, including factors governing health and disease in populations.

Health Policy & Management 100: Health Services Organization
Structure and function of American healthcare system; issues and forces shaping its future.
ELECTIVE COURSES
(choose one)

Public Health M106: Health in Chicano/Latino Population

Public Health 160A: Health Outreach and Education for At-Risk Populations
First in series of courses to explore prevention of disease in at-risk populations, clinical services and referrals for disadvantaged, and effects of low socioeconomic status on academic achievement, career, and family. Lectures by faculty and practitioners, with field visits.

Public Health M160B: Health Outreach and Education for At-Risk Populations
Second in series of courses to explore prevention of disease in at-risk populations, clinical services and referrals for disadvantaged, and effects of low socioeconomic status on academic achievement, career, and family. Lectures by faculty and practitioners, discussion groups, and field activities including health education.

Biostatistics 100B: Introduction to Biostatistics
Not open for credit to students with credit for course 110B. Introduction to analysis of variance, linear regression, and correlation analysis.

Community Health Sciences 90: Aging Frontier: Public Health Perspective
Introduction to gerontology from public health perspective, emphasizing prevention of illness and promotion of healthy aging. Special attention to health and aging among women and racial/ethnic minorities.

Community Health Sciences 91: Peer Health Counselor Training
Analysis of student healthcare issues as related to campus healthcare delivery system and to healthcare consumer. Identification of health needs, determination of appropriate resources, delivery of preventive and self-care education, and delineation of peer health counselor's role.

Community Health Sciences 130: Nutrition and Health
Preparation: one biology course, one chemistry course. Basic and clinical nutrition theory and practice for students in health sciences curricula.

Community Health Sciences 132: Health, Disease, and Health Services in Latin America
Introduction to health, disease, and health services in Latin America, with emphasis on epidemiology, health administration, medical anthropology, and nutrition.
**Community Health Sciences M140: Health Issues for Asian Americans and Pacific Islanders: Myth or Model?**
Introductory overview of mental and physical health issues of Asian Americans and Pacific Islanders; identification of gaps in health status indicators and barriers to both care delivery and research for these populations.

**Community Health Sciences 181: Campus/Community Health and Wellness Promotion: From Theory to Practice**
Theory, training, and experience in health/wellness promotion and health/wellness education in selected campus communities. Participation in supervised small-group program planning project.

**Community Health Sciences 187A: Introduction to Interventions for At-Risk Populations**
Course 187A is requisite to 187B. Health and social needs/services from primarily public health perspective, drawing on related academic/professional disciplines. Community-based service learning strategy used to enhance knowledge of concepts covered. As part of service portion, students trained as caseworkers and committee members. Letter grading.

**Community Health Sciences 187B: Introduction to Interventions for At-Risk Populations**
Requisite: course 187A. Health and social needs/services from primarily public health perspective, drawing on related academic/professional disciplines. Community-based service learning strategy used to enhance knowledge of concepts covered. As part of service portion, students trained as caseworkers and committee members. Letter grading.

**Epidemiology M254: Nutritional Epidemiology I**
Review of all aspects of contemporary nutrition sciences that require application of epidemiologic principles and methods, ranging from food-borne outbreak investigation to evidence-based regulatory assessment of health claims for foods. Experience in actual world of collecting, analyzing, and interpreting data related to nutrition and health or disease outcomes.

**Health Policy and Management 140: Foundations of Maternal and Child Health**
Introduction to field of maternal and child health, with focus on major issues affecting health and well-being of children and families over life course. Emphasis on health, prevention, and supportive programs at different stages of child's life; application of life course health development framework to understand health disparities and implications for policy and practice.