MPH/HP Course Descriptions

**Biostat 100A. Introduction to Biostatistics.**
Introduction to methods and concepts of statistical analysis. Sampling situations, with special attention to those occurring in health education and behavioral sciences. Topics include distributions, tests of hypotheses, estimation, types of error, significance and confidence levels, sample size.

**EHS 100. Introduction to Environmental Health Sciences.**
Introduction to environmental health, including coverage of water quantity and quality, developmental toxicology, air pollution, solid and hazardous waste, pesticides and food, and population and natural resources; and chronic and acute health effects of environmental contaminants.

**EPI 100. Principles of Epidemiology.**
Introductory course in the terminology, perspectives, methods and limitations of the epidemiologic approach to understanding and preventing disease and injury in human populations.

**HS 100. Health Services Organization.**
Introductory course on the organization and financing of the American health care system; issues and forces shaping its future.

**CHS 210. Foundations of Community Health Sciences.**
Basic concepts, relationships, and policy issues in the field of community health, variability in definitions of health and illness, correlates of health and illness behavior, impact of social and community structure on health status, major contemporary approaches to health promotion and health education at community level. Use of comparative international perspective.

**CHS 211A. Program Planning, Research, and Evaluation in Community Health Sciences.**
This first course in a two-course sequence (with CHS 211B) prepares students to develop and plan a public health program in community settings. Introduction to a range of research methods and techniques used in designing and conducting health research of community-based public health programs. Course organized into three modules.

**CHS 211B. Program Planning, Research, and Evaluation in Community Health Sciences.**
Second course in a two-course sequence (with CHS 211a) prepares students to administer public health programs in community settings with particular emphasis on evaluation of community-based public health programs.

**CHS 213. Advanced Evaluation and Research.**
Application of conceptual, theoretical, and evaluation skills to community-based health education risk-reduction programs. Computer applications, data management, and research methodologies taught through microcomputer and mainframe computer management and analysis of program databases.

**CHS 281. Capstone Seminar: Health Promotion and Education.**
Current problems and findings in health education content areas, such as nutrition, mental health, family health, consumer health, safety, and communicable and chronic diseases.

**CHS 282. Communication in Health Promotion and Education.**
Design, implementation, and evaluation of interpersonal communication strategies for health promotion programs. Equal emphasis on communication theories, models, and empirical research literature and on specific applications in health programs and case studies.

**CHS M287. The Politics of Health Policy.**
Examination of politics of health policy process, including effects of political structure and institutions; economic and social factors; interest groups, classes, and social movements; media and public opinion; and other factors.

**CHS 292. Communication and Media Development in Health Promotion/Education.**
Selected aspects of communication planning, social marketing, mass marketing, and communications evaluation theory and practice.

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Selected aspects of communication planning, social marketing, mass marketing, and communications evaluation theory and practice.

**CHS 400. Master’s Project (aka Field Studies in Public Health) Field observation and studies in selected community organizations for health promotion or medical care.**

**CHS 482. Master’s Project (aka Practicum: Community Health Sciences) Understanding of professional practice in health-related organizations.**

**CHS 483. Leadership Development and Empowerment for Health Promotion and Health Education.**
Selected social intervention strategies for health promotion and health education programs. Emphasis on theories, working assumptions, methodologies, and impacts of selected strategies within contexts of planned change in health-related behaviors.

**CHS 487. Community Organization for Health.**
Theory and practice of community organizations, including models and strategies of community organization and their application to health problems and health policy. Particular attention to use of community organization for health promotion and to change public policy.