



The Johns Hopkins Bloomberg School of Public Health's OPENCOURSEWARE (OCW) project provides access to content of the School's most popular courses. You are free to review the information on the OCW website at your own pace, free of charge, and without a registration requirement. Self-learners are encouraged to draw upon the JHSPH OCW for self-study or supplementary use. Because OCW sites are not academic classes and simply provide snapshots of content available in an academic course, the material may be particularly useful for flexible staff development purposes.

Listed below is OCW content of potential interest to state and community level governmental agencies and non-profit organizational partners in public health.

All OCW courses are listed in the left navigation on the JHSPH OCW homepage at <http://ocw.jhsph.edu>.

### **Adolescent Health and Development**

Uses lectures, readings, discussion and panels of guest speakers to explore a variety of aspects of adolescence and adolescent health.

### **The Art of Science Advice to Policy Makers: Lessons from the U.S. National Academies**

In this installment of the Bloomberg Leadership Series, Dr. Fineberg shares the personal experiences and professional insights that have informed his leadership style and his approach to formulating sound and persuasive policy recommendations.

### **Concepts in Economic Evaluation**

Describes how economic theory is linked to economic evaluation techniques like cost-benefit and cost-effectiveness analysis and to introduce students to many concepts that are specific to economic evaluation.

### **Confronting the Burden of Injuries**

Guides students interested in working on injury control in areas with little or no tradition in injury prevention from a public health perspective.

### **Environmental Health**

Examines health issues, scientific understanding of causes and possible future approaches to control the major environmental health problems in industrialized and developing countries.

### **Ethical Issues in Public Health**

Focuses on ethical theory and current ethical issues in public health and health policy, including resource allocation, the use of summary measures of health, the right to health care and conflicts between autonomy and health promotion efforts.

### **Ethics of Human Subject Research**

Introduces students to the ethics of human subject research, including ethical theory and principles are introduced and followed by a brief history of research ethics.

### **Family Planning Policies and Programs**

Introduces issues and programmatic strategies related to the development, organization and management of family planning programs, especially those in developing countries.

**Food and Nutrition Policy**

Familiarizes and engages the student with the process of developing policies.

**Fundamentals of Program Evaluation**

Fundamentals of Program Evaluation familiarizes students in different types of program evaluation, including needs assessment, formative research, process evaluation, monitoring of outputs and outcomes, impact assessment, and cost analysis.

**Global Tobacco Control**

Presents the health and economic burden of tobacco use worldwide and highlights practical approaches to tobacco prevention, control, surveillance and evaluation.

**Health Across the Life Span: Frameworks, Contexts, and Measurements**

Introduces and examines the basic principles which guide growth and development and the health of individuals across the lifespan, from the prenatal period through senescence.

**History of Public Health**

Examines the historical experience of health and illness from a population perspective.

**Introduction to Demographic Methods**

This course introduces the basic techniques of demographic analysis. Students will become familiar with the sources of data available for demographic research. Population composition and change measures will be presented.

**Introduction to Methods for Health Service Research and Evaluation**

Introduction to Methods for Health Services Research and Evaluation provides an introduction to basic methods for undertaking research and program evaluation within health services organizations and systems.

**Managed Care and Health Insurance**

Presents an overview of major issues related to the design, function, management, regulation, and evaluation of health insurance and managed care plans.

**Methods in Biostatistics I**

Presents fundamental concepts in applied probability, exploratory data analysis, and statistical inference, focusing on probability and analysis of one and two samples.

**Methods in Biostatistics II**

Presents fundamental concepts in applied probability, exploratory data analysis, and statistical inference, focusing on probability and analysis of one and two samples.

**Population Change and Public Health**

This course introduces the basic elements of population studies, including: population size, composition, and distribution, and the causes and consequences of changes in these characteristics.

**Preventing Infant Mortality and Promoting the Health of Women, Infants, and Children**

This course focuses on the historical problems and interventions associated with infant mortality.

**Principles of Human Nutrition**

Provides an integrated overview of the physiological requirements and functions of protein, energy and the major vitamins and minerals that are determinants of health and diseases in human populations.

**Problem Solving for Immunization Programs**

This material will cover immunization basics and survey the public health, sociological, and economic literature, identifying and analyzing common problems using a standard problem-solving approach.

**Public Health Biology**

Offers an integrative molecular and biological perspective on public health problems. Explores population biology and ecological principles underlying public health and reviews molecular biology in relation to public health biology.

**Reproductive and Perinatal Epidemiology**

This course focuses on current research, controversial issues, and methodological problems in the epidemiology of reproductive and perinatal health.

**Social and Behavioral Aspects of Public Health**

The course is designed to help students develop basic literacy regarding social concepts and processes that influence health status and public health interventions.

**Social and Behavioral Foundations of Primary Health Care**

Aims at providing you with the knowledge and skills needed to diagnose (understand) community, individual, and organizational behaviors and change processes in developing countries and in cross-cultural settings as a foundation for planning culturally appropriate primary health care (PHC) in the context of the ecological model of health behavior.

**Statistical Reasoning I**

Statistical Reasoning in Public Health provides an introduction to selected important topics in biostatistical concepts and reasoning through lectures, exercises, and bulletin board discussions.

**Statistical Reasoning II**

Statistical Reasoning in Public Health II provides an introduction to selected important topics in biostatistical concepts and reasoning through lectures, exercises, and bulletin board discussions.

**STI Prevention: Using Epidemiology to Inform Policy and Program**

Considers features of sexually transmitted diseases relevant to their control, reviewing the natural history of the infections and laboratory diagnoses.

**Training Methods and Continuing Education for Health Workers**

This course in Training Methods and Continuing Education for Health Workers identifies the role of training and continuing education as an important component of health service and personnel management.

**Understanding Cost-Effectiveness Analysis in Health Care**

The primary objective of this content is to prepare students to read and interpret cost-effectiveness studies.