EPH 604 CLINICAL TRIALS (3 cr) This course presents principles that underlie the design and conduct of clinical trials, statistical methods used in clinical trials, and ethical considerations in clinical trials and research. The course uses lectures, case studies, classroom discussions, a written assignment, and problems for solutions to achieve its aims. (pre req EPH501 Biostatistics I)

EPH 615 DETERMINANTS OF HEALTH AND HEALTH DISPARITIES ACROSS THE LIFE COURSE (3 cr) This course builds on the concepts and methods examined in Introductions to Disease Prevention and Health Education and Behavior by delving further into risk and protective processes related to health outcomes across the life course, from the prenatal period to older adulthood. Class readings and discussions will examine examples of common and unique risk pathways contributing to various diseases and disorders, including pathways hypothesized to be related to health inequities and disparities, such as: economic and educational disadvantage, stress, sedentary behavior, poor behavioral regulation, social isolation, among others. Common protective pathways that promote health are also reviewed, such as: positive parenting and family relations, healthy behaviors, physical activity, and social support. (Pre req EPH614 Intro to Disease Prevention or EPH520 Health Education and Behavior)

EPH 652 HEALTH POLICY (3 cr) This course provides students with an opportunity to understand both the organization of the health care system and the public health policy process. The course provides an overview of the epidemiologic, demographic, and health behavior trends that drive the current state of the nation’s health. Recent policy developments in health are examined
and controversial issues in health policy formulation and implementation are considered. The strengths and weaknesses of the U.S. health care system are examined and compared with health systems in other developed countries. Innovative health systems that may reduce cost and improve quality of care will be discussed.

**EPH 514 GLOBAL OUTBREAK INVESTIGATIONS (3 cr)** This seminar examines current global public health issues and an overview of global outbreak investigations and disease surveillance. Participating in epidemiologic/outbreak investigations in international settings provides unique opportunities to learn about health problems in different ecologic, cultural and resource settings. This seminar will also allow students to gather insight into public health surveillance and understand the utility of the ongoing systematic collection, analysis and interpretation of data for use in planning and evaluation of public health.

**EPH 680 CAPSTONE FIELD EXPERIENCE (MPH) (3 cr.):** Practical field experience for MPH students

**EPH 681 CAPSTONE EXPERIENCE PROJECT (MPH) (3 cr.):** Capstone experience project for MPH students

**EPH 682 ADVANCED INDIVIDUAL STUDY (1-3 cr.):** Individual work on a special project under faculty guidance. Prerequisite: Permission of the directing faculty member and the Director of Graduate Programs.

**EPH 699 PUBLIC HEALTH PROJECT (MSPH) (1-6 cr.):** Research and/or design projects. Individual investigation of current public health problems. Required by all MSPH students.