

Educational Objectives, Fall 2012 and Spring 2013

Educational Objectives for all MPH students
1. To provide students with core knowledge and competencies in the five areas of public health: epidemiology, statistics, environmental health, health services administration, and the behavioral and social sciences. (ASPH MPH competencies)
2. To provide students with an opportunity to integrate and apply skills they have mastered in their curriculum in a public health setting.
3. To provide students with a culminating experience where they demonstrate their mastery of Public Health content and discipline specific content.
4. To provide students with multiple opportunities to develop writing and speaking skills, presentation skills, and teamwork skills.
5. To provide students with the experience to review science-based literature, synthesize its content, and apply evidence-based practices in the community.
6. To prepare students to enter the Public Health workforce and assume positions of leadership through progressive career development and demonstrate Public Health professionalism.
7. Each student will pursue one of the five core areas of Public Health in-depth completing the required credits for an MPH degree as outlined for each of the five disciplines.

Bio-Statistics Objectives, Fall 2012 and Spring 2013

Bio-Statistical Educational Objectives
1. Apply the appropriate research designs to study the distribution of health and disease in human populations, in accordance with standard epidemiological principles.
2. Recognize and apply the appropriate use of bio-statistical methods to analyze data from health-related studies.
3. Understand the statistical theory that underlies the bio-statistical methods used to analyze public health data.
4. Carry out, through the use of statistical software, beginning and advanced bio-statistical methods for the analysis of public health and clinical data.
5. Read the applied biostatistics literature and utilize current methods to a new and existing problem.
6. Work independently or with minimal supervision to develop and report on a methodological or applied public health issue, and be able to communicate the results through written and oral expression.
7. Gain practical field experience integrating and applying program knowledge and skills, and fulfill other specific MPH field practice learning objectives.