

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.

Environmental Health Objectives, Fall 2012 and Spring 2013

Environmental Health Educational Objectives
1. Describe the disposition, transport, and health effects of contaminants in air and water. And soil? Food?
2. Discuss key factors and public health control measures for food-borne and vector-borne diseases.
3. Discuss routes of exposure and mechanisms by which environmental chemical agents affect human health.
4. Recount and describe local, state, and federal government environmental health agencies and major environmental health laws and regulations.
5. Discuss significant gaps to understanding sources, exposures, health effects, and control of environmental agents.
6. Design and conduct laboratory and/or field studies to evaluate hazards in the environment.
7. Prepare scientific reports on environmental contaminants and their impacts on human health.
8. Communicate experimental results and other scientific information to various groups.
9. Apply epidemiological, statistical, and other core public health approaches to solving environmental health problems.
10. Practice applying environmental health and other public health skills in a real world, group problem-solving situation.
11. Apply and integrate program knowledge and skills through practical field experience, and fulfill other specific MPH field practice learning objectives.