

Programmatic Competencies for the MPH in Occupational Health

In addition to the overall Master of Public Health degree core competencies, Master of Public Health in Occupational Health graduates will be able to:

- Articulate basic concepts of environmental health and public health and convey understanding of their value and importance to the public and clients;
- Recognize and provide for proper treatment (including referral) for a wide variety of workplace injuries and illnesses;
- Understand physiological and/or toxicological interactions of physical, chemical, biological, and ergonomic agents, factors, and/or stressors with the human body;
- Assess qualitative and quantitative aspects of exposure assessment, dose-response, and risk characterization based on applicable pathways and modes of entry;
- Analyze data, recognize meaningful test results, interpret results and present results in an appropriate way to a variety of audiences;
- Evaluate the effectiveness or performance of procedures, interventions and programs as it relates to the health of the workforce;
- Function effectively in an organization and be an effective team player;
- Plan and implement programs or projects;
- Produce reports, document actions, keep records and inform appropriate parties, while protecting provider-patient confidentiality;
- Effectively educate the workforce and public on occupational and environmental health issues and the public health rationale;
- Effectively communicate risk and exchange information with colleagues, practitioners, clients, policy makers, interest groups, media and the public;
- Facilitate the resolution of conflicts within an agency, the community and regulatory parties;
- Articulate basic concepts of occupational, environmental health and public health and convey understanding of their value and importance to the public and clients;
- Identify agents, factors, and stressors generated by and/or associated with defined sources, unit operations, and/or processes;
- Calculate, interpret, and apply statistical and epidemiological data;
- Interpret and apply applicable occupational and environmental regulations;
- Understand fundamental aspects of safety and environmental health.