

UIS MPH Generalist Concentration Electives Group Competencies

Emerging Issues:

- Use multidisciplinary tools and techniques to evaluate and manage unknown, emergent, and re-emergent health and environmental hazards.
- Analyze the implications of these hazards within social, biophysical, ethical, legal, economic, scientific, and political systems.

1) Advanced Epidemiology:

- Assess risk factors and evidence for establishing morbidity and mortality problems.
- Evaluate epidemiology study design and its application to public health policy.

2) Analytical Tools:

- Identify, collect, and analyze primary and secondary data using specialized decision making tools to improve efficiencies, quality of services, and create new knowledge in public health practice of assessment, policy development, and assurance.

3) Social Determinants:

- Use an integrated biopsychosocial approach to identify and evaluate the interplay of biological, psychological and social factors which are determinants of population health and wellbeing.
- Use principles of behavioral economics to evaluate and deal with current challenges of maintaining behavior change.