

Learning Objectives for M.P.H. in Health Management

Core Curriculum

Upon completing the core curriculum of the M.P.H. program, the student will be able to:

- Demonstrate a knowledge base in the disciplines of biostatistics, chronic and infectious disease epidemiology, health systems, public policy, social and behavioral sciences, and environmental health.
- Apply basic research skills to specific public health problems in both group and individual settings, including the ability to define problems; construct, articulate and test hypotheses; draw conclusions; and communicate findings to a variety of audiences.
- Explain the interrelationships between a multitude of factors that can impact on a public health problem, including scientific, medical, environmental, cultural, social, behavioral, economic, political, and ethical factors.
- Review, critique, and evaluate public health reports and research articles.
- Apply public health concepts, principles, and methodologies obtained through formal course work to actual problems experienced in the community or work environment.
- Critically evaluate programs, interventions, and outcomes that relate to public health practice.
- Apply ethical standards and professional values as they relate to the practice of public health.
- Demonstrate sensitivity to the social context within which public health professionals practice.

Health Management

Upon receiving an M.P.H. degree with a concentration in Health Management, the student will be able to:

- Conduct financial analyses, including reading and analyzing financial statements.
- Conduct economic analyses, including cost-effectiveness analysis, to inform public health management decision-making.
- Apply operations management concepts to address organizational performance issues in health service organizations.
- Apply the principles of marketing analysis and planning to public health programs and health service organizations.
- Utilize statistical analysis skills to conduct health systems and policy research.
- Utilize research design and data management skills to conduct health policy and management research.
- Evaluate health care financing, regulatory and delivery systems.
- Demonstrate written communication skills to effectively communicate in professional health policy and community settings.
- Demonstrate oral communication and presentation skills to effectively communicate in professional health policy and community settings.
- Utilize advocacy, persuasion, and negotiation skills to influence health policy and management decision making.
- Perform strategic analysis and planning for public health care organizations.
- Describe legal perspectives on health policy and management issues, including assessment of legal and regulatory environments in the context of public health.
- Apply ethical decision making in a health care context.
- Apply management problem-solving skills to improve functioning of organizations and agencies in health systems.
- Demonstrate leadership, team-based collaboration, and conflict management skills.
- Coach and provide constructive feedback to colleagues.
- Work with and incorporate perspectives of culturally diverse groups.