

MPH in Maternal and Child Health
Academic Year 2016-2017
Program Profile

The maternal and child health (MACH) concentration prepares professionals from a variety of backgrounds (medicine, biology, nursing, nutrition, women’s studies, anthropology, social work, sociology, African-American studies) for leadership roles in organizations that focus on promoting the health of women, children, and families. This interdisciplinary concentration provides knowledge of the major determinants of maternal health and child health, and strategies for improving the health of mothers and children, including program planning and evaluation, research methods, and policy analysis at the local, state, national, and international levels. The program enables students to develop and apply the Life Course Model as a conceptual framework for changing the health trajectories of children and mothers. Emphasis is given to the early or “upstream” determinants of health and to early detection of risks coupled with early intervention. Students also learn strategies to improve MACH conditions in underserved and disadvantaged communities. Program graduates will be prepared to assume positions in family planning agencies, public health departments, other health and human service agencies that focus on MACH issues, and other health care settings. Other graduates will pursue an additional degree in a related area. Students in the MACH concentration will complete a minimum of 48 semester credit hours to earn the MPH degree.

Maternal and Child Health Concentration Competencies

Competency Description
Comprehend, apply, and evaluate multi-level and inter-disciplinary theories and models used to solve MACH problems, including the Life Course Model.
Identify and evaluate the relative contribution of ecological determinants to MACH outcomes among populations, including vulnerable populations and disadvantaged communities.
Understand, select and employ appropriate quantitative and qualitative research methods for testing MACH interventions and resolving MACH problems.
Plan, implement, administer, and evaluate MACH initiatives and programs using asset-based and data-driven approaches.
Understand, administer, and evaluate community-based participatory approaches for reducing MACH disparities and improving MACH outcomes.

MPH Core Competencies

The Master of Public Health degree program prepares students to address the following core competencies while advancing their knowledge of public health:

Competency	Competency Description
Public Health Knowledge & Skills	The MPH student will apply basic knowledge and skills of the core public health sciences that include: biostatistics, epidemiology, health management and policy, behavioral and community health, and environmental and occupational health, to the prevention of illness and injury and the promotion of population health.
Integration of Theory and Practice	The MPH student will demonstrate the effective integration of theory and practice related to public health issues that affect diverse populations, through a thesis or comprehensive examination and a practice experience.
Communication and Informatics	The MPH student will gather, organize, and manage data and information effectively to address public health issues through oral and written communications to diverse professionals and lay audiences.
Diversity and Culture	The MPH student will demonstrate the ability to interact with both diverse individuals and communities to produce or impact an intended public health outcome.
Professionalism	The MPH student will apply ethical principles to the practice of public health in a variety of settings, demonstrating personal integrity while embracing diverse communities.

Master of Public Health: Maternal and Child Health 48 Credit Hours Required

Fall 1		SCH
BACH 5300	Theoretical Foundations of Individual and Community Health	3
MACH 5330	Introduction to Maternal and Child Health	3
EPID 5300	Principles of Epidemiology	3
BIOS 5300	Biostatistics for Public Health 1	3
Spring 1		
MACH 5331	Human Sexuality and Health	3
EOHS 5300	Environmental Determinants of Health	3
BACH 6310	Qualitative Research Methods	3
MACH 5332	Clinical Aspects of Reproductive Health	3
Summer 1		
PHED 5197	Professional and Academic Development	1
HMAP 5300	Introduction to Health Management and Policy (online)	3
Fall 2		
PHED 5000	Certified in Public Health Examination (CPH Exam)	0
EPID 5313	Introduction to Data Management and Statistical Computing	3
BACH 5340	Community Assessment and Program Planning	3
BACH 5314	Quantitative Research Methods	3
MACH 5333	Maternal and Child Nutrition (online)	3
Spring 2		
BACH 5321	Injury and Violence Prevention	3
BACH 5350	Community Health Program Evaluation	3
BACH 5297	Practice Experience in Public Health	2
BACH 5001	MPH Comprehensive Exam	0
	Total Degree Hours	48

Reviewed and agreed on this date _____

SPH Advisor _____

Student _____