

DEPARTMENT OF MATERNAL AND CHILD HEALTH
Schedule of Courses
Fall 2022

MHCH 625 Injury as a Public Health Problem (3 credits)

This course examines unintentional injuries from a public health perspective. The course covers core concepts in injury prevention and control, including the epidemiology of unintentional injury, prevention strategies, behavioral models, child and adolescent injury, messaging framing, the Haddon matrix, and injury surveillance. (cross-listed EPID 625, HBHE 625). Prerequisites or Co-requisite: EPID 600 or equivalent or permission of instructor.

S. Marshall & Y. Golightly. Tues/Thurs, 12:30PM-1:45PM, MC 2306

MHCH 701 Foundations of MCH (3 credits)

This year-long course introduces the major issues that affect the health and well-being of women during the reproductive years, infants, children and adolescents in domestic and international settings. *Required course for MCFH concentration.

M. Shanahan. Tues/Thurs, 8:00AM-9:15AM, MC 2308

MHCH 722 Global Maternal and Child Health (3 credits)

This course will focus on key issues concerning the health status and needs of mothers and children under-five in the developing world. Topics include discussions of the major causes of both maternal and under-five mortality, measurement and indicators of health status, levels and patterns of maternal and child morbidity and mortality and major programmatic interventions (e.g., antenatal care, the Safe Motherhood Initiative (SMI), IMCI, oral rehydration therapy, immunization (EPI).

K. Singh Ongechi. Mon/Wed, 12:20PM-1:35PM, MC 1301

MHCH 724 Abortion Care and Policy (2 credits)

This course will provide an overview of the critical issues in abortion care and policy, both in the US and globally. We will cover the major theoretical frameworks defining abortion care and policy, and the epidemiology of abortion globally and nationally. We will analyze the public health implications of abortion policy, and evaluate the evidence, and the limitations of the evidence, regarding abortion care. We will explore the historical, legal and cultural contexts of abortion globally and nationally. We will also explore the bioethical and clinical dimensions of abortion care and policy. The course will include multiple interactive sessions with experts in the field.

S. Curtis, A. Bryant. Monday, 5:45PM-7:15PM, MC 1305

MHCH 728 Introduction to Implementation Research and Practice in MCFH (3 credits)

Implementation research and practice address the gap between the development of innovations in public health and their delivery in routine practice. Course provides an overview of core theories/methods in implementation research and practice, plus implementation determinants and strategies at the intervention, individual, organizational, and policy levels. *Required course for second year MCFH concentration.

C. Chandler. Tues/Thurs, 9:30AM-10:45AM, HC 03

MHCH 732 Gender-Based Violence (3 credits)

This course provides a forum for students to explore contemporary issues in gender-based violence (GBV) from both a research and practice standpoint. Students will be introduced to a myriad of domestic and international GBV issues, from intimate partner violence and campus sexual assault to conflict related GBV and sex trafficking. In combination with these content-based topics, students will also be exposed to

GBV theoretical frameworks, structural risks and gender equity, evidence-based prevention and treatment strategies, and GBV research methods. In addition, students will become acquainted with the GBV-related research of many UNC faculty members. Faculty members will present lectures on their own research during many of the class meetings, enhancing students' understanding of many important GBV research topics and facilitating the application of this knowledge (and skills) to real world settings.

S. Martin, Wednesday, 1:25PM-4:25PM, MC 2302

MHCH 740 Problems in Maternal and Child Health: Independent Study (varied credits)

Prerequisites to be arranged with departmental faculty in each individual case. Learning agreement with the faculty member (in conjunction with your academic coordinator) must be created before registration is allowed. This course can be taken for 1-3 credits.

Faculty.

MHCH 745 Applied Methods for Health Transformation Implementation in MCH. (1-3 credits)

This course will integrate the theory, research literature, and evidence-supported practices that promote optimal population health outcomes in women, children, adolescents, and family health. The course will allow participants to examine and apply knowledge and skills that lead to health transformation in the 21st century. Topics include: Title V assessment and current funding for MCFH; equity and the social determinants of health; workforce development; change management and leadership; community engagement; systems thinking; evidence-based decision making; and the application of implementation science. The number of credits (1 or 3) is to be determined by the student.

D. Cilenti, L. deRosset. Asynchronous

MHCH 765 Clinical Support for Breastfeeding (3 credits)

Master's or clinical degree required. This two-semester clinical course is structured to provide supervised breastfeeding support education in the context of clinical lactation services and public health practice. This course is only open to students admitted to the Mary Rose Tully Training Initiative program.

C. Sullivan. Friday, 12:20PM-3:20PM, MC 1302

MHCH 780 Cultural Humility (1 credit)

Cultural Humility is part of the required training sequence for second year MPH students in the Global Health concentration. This course is designed to provide students with the skills to work in culturally complex settings and to apply cultural humility when engaging in global health research and practice. GH concentration students only.

A. Palmquist. Thursday, 9:30AM-10:45AM, RO 235

MHCH 785 Decolonizing MCH: Theory and Qualitative Methods (3 credits)

This graduate seminar provides Maternal and Child Health (MCH) students with an opportunity to examine key theories and qualitative methodologies that advance anti-racist, abolitionist, intersectional feminist, and emancipatory scholarship for health equity and reproductive justice. Students gain a deeper understanding of the intellectual foundations of research justice. And learn to design research questions, data collection strategies, and analytic techniques that decolonize knowledge production. Preference given to students enrolled in the MCH department or MCFH concentration.

A. Palmquist. Tues/Thurs, 12:30PM-1:45PM, RO 235

MHCH 801 Doctoral Seminar (3 credits)

The MCH Doctoral Seminar provides a forum for first year MCH doctoral students to hone their skills in developing research questions, searching scientific literature, and preparing comprehensive literature reviews for publication. It introduces students to several types of literature reviews used to inform health practices, programs and policies.

A. Parcesepe. Tues/Thurs, 11:00AM-12:15PM, MC 1302

MHCH 840 Doctoral Internship (1 credit)

MCH internship to enhance doctoral training in areas of research, teaching and practice. Prerequisite, enrollment in MCH doctoral program. Section 001 (3159) Teaching. Section 003 (3161) Research. Required for all MCH Doctoral students.

MHCH 851 Reproductive and Perinatal Epidemiology (3 credits)

Epidemiology of major reproductive health outcomes, including infertility, fetal loss, birthweight, congenital malformations, infant mortality. Current knowledge regarding epidemiology of these outcomes; discussion of methodologic issues specific to reproduction. (cross-listed EPID 851).

Prerequisites: EPID 600 and BIOS 600 or equivalents.

A. Olshan. Tues/Thurs, 2:00PM-3:15PM, MC 2306

MHCH 859 Theoretical Perspectives on Maternal and Child Health (3 credits)

This course introduces philosophical, theoretical, and design issues relevant to maternal and child health research. It follows the research process from the formulation of a research question and conceptual model through the design of a research methodology to address the question, and finally to the preparation of a National Institutes of Health (NIH) grant proposal to study the question. Typically, the first hour of the class will include lecture/discussion about theoretical, conceptual, and design issues. The remainder of the class will be in workshop format, devoted to discussion of components of each student's proposal. This is a required course for doctoral students. Permission required for non-majors, masters & 1st year doctoral students.

K. Tumlinson. Tues/Thurs, 11:00AM-12:15PM, MC 2304

MHCH 992 Master's Paper (3 credits)

Master's independent learning experience for MCFH and MSPH students. Please sign up under your faculty mentor's section number.

MHCH 994 Doctoral Dissertation (3 credits)

For MCH doctoral students in their dissertation phase. Doctoral students must have passed the Doctoral Written Comprehensive Exams before registering for this course. Please sign up under your faculty advisor's section number.