

DEPARTMENT OF MATERNAL AND CHILD HEALTH
Schedule of Courses
Spring 2018

MHCH 605 (12936) Survey Course on Breastfeeding and Public Health (3 credits). This survey course will briefly cover the principal topics in this broad field of knowledge, including domestic and global issues. Teaching methods will be primarily lecture with discussion and student presentations. The topics will include relevant: maternal and infant anatomy, physiology, and endocrinology; complementary feeding; immunology and disease; pathology, pharmacology and exposures; psychology, sociology and anthropology; growth and development; research issues; ethics, Code of Marketing and other legal issues; breastfeeding support skills; counseling, communication and advocacy; and programming and policy. Grading will be based on participation, presentations, and a mid-term test and final exam. A. Palmquist, Wednesday 9:05-11:55am, MHRC 0001

MHCH 664 (7880) Globalization and Health (cross-listed with HPM 664) (3 credits). The course examines multiple dimensions of globalization and explores their direct and indirect effects on determinants of health through presentations, case studies, class discussions, small group seminars, readings, weekly short written assignments, a critical book review, and a final paper and poster session. An expected outcome of the course is that students will gain a deeper understanding of how the changes and transformations of globalization and development affect health, and will have examined responses and approaches to current global patterns that contribute to positive and adverse health effects and health inequalities. This course is an alternative core course to Interdisciplinary Perspectives in Global Health, taught in the Fall semester, for students enrolled in the Global Health Certificate Program. B. Fried, Tuesday and Thursday, 12:30-1:45pm, Rosenau 230

MHCH 680 (8801) Global Sexual and Reproductive Health (1 credit) Featuring international experts from UNC and Triangle-based non-governmental organizations, this course will offer a series of lectures, panel discussions, and debates to inform students' critical thinking on key public health issues in global sexual and reproductive health. No prerequisites; all students are welcome. I. Speizer, Monday, 5:45-7:05pm, McGavran-Greenberg 1301

MHCH 685 (11794) Human Sexuality (1 credit)

Through lectures and panel discussions this course will use a life span framework to examine selected aspects of sexual development, including perspectives on sexuality; the physical self; sexual attraction, behavior, and relationships; and the implications of these factors for physical and mental health. No prerequisites; all students are welcome. C. Halpern, Tuesday, 11:00-11:50am, McGavran-Greenberg 2301

MHCH 700 (11791) MHCH Planning and Evaluation (3 credits) Permission of the instructor for non-majors. Limited to residential students in public health. This course will familiarize students with basic concepts and methodologies required for effective public health program planning and evaluation in a variety of settings, both domestic and global. D. Cilenti, Wednesday, 2:30-5:30, MHRC 0003

MHCH 702 (8824) Foundations of Maternal and Child Health (4 credits). Second semester of 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. T. Ringel-Kulka, Tuesday and Thursday 8:00-9:45am, McGavran-Greenberg 2306

MHCH 707 (11795) LGBT Health: A Population Perspective (3 credits). This seminar course explores health challenges faced by LGBT populations. Discussions will span a variety of health behaviors and outcomes, determinants of health, developmental stages, identities, and settings. Students will be able to identify conceptual frameworks and considerations relevant in LGBT health research and practice. S. Goldberg, Tuesdays 2:00-4:45pm, McGavran-Greenberg 1305

MHCH 716 (9231) International Family Planning and Reproductive Health (3 credits). This course will provide an overview of the critical issues in international family planning and reproductive health, including the major theoretical frameworks, patterns and trends over time, and an overview of the history of family planning and reproductive health policy development. We will trace the evolution of the field from its demographic roots through to the current expansion to a broader reproductive health perspective. The main theoretical models to explain the determinants of fertility and reproductive mortality and morbidity will be presented. Demographic data will be used to describe the trends and patterns of family planning and reproductive health within the global context. The development of population, family planning and reproductive health policy through the last three decades, along with the more recent focus on the field within the context of health and human rights, will be discussed. S. Bloom and S. Curtis, Wednesday 11:15am-2:15pm, McGavran-Greenberg 2304

MHCH 718 Continuation of Field (3 credits). (Use Section # of your advisor).

MHCH 729 (11796) Implementation Science for Global Maternal and Child Health (3 credits). This graduate level course is an introduction to implementation science with an emphasis on its application in global maternal and child health. The course will first highlight current challenges in global health and the role of implementation science in addressing them, including the development of practice-based research activities and the provision of technical support for program implementation. The course then will define current implementation research frameworks, active implementation frameworks, and describe the interface between improvement science and implementation science. Students will have the opportunity to work in groups and independently. H. Peterson & J. Haidar, Friday, 9:05-12:05, Rosenau 228

MHCH 766 (9258) Clinical Support for Breastfeeding (3 credits). 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 provides the student with 300 hours of direct supervision by an IBCLC faculty member who has re-certified at least once, along with additional patient contact with non-faculty IBCLCs and 90 hours of didactic education in lactation. This course includes direct supervision following a gradual process which begins with student observation of well coupled care, followed by clinical practice experience under direct supervision until the competencies are mastered, and then culminates in independent practice with the mentor nearby to assist and offer advice and support. Didactic education includes research article critiques, case studies and topic lectures. Due to the nature and intensity of this course, this experience is limited to students who have been accepted into the Mary Rose Tully Training Initiative. C. Sullivan, Friday 9:05-12:05pm, McGavran-Greenberg 1303

MHCH 816 (9863) Applied Quality Improvement Methods for Healthcare and Public Health (3 credits).

The course objective is to develop, implement, and test a solution to improve health care or public health delivery, using a model called the Model for Improvement (or MFI). The model uses three questions to scope the improvement project and four steps, Plan-Do-Check-Act, to implement and test solutions. R. Ramaswamy, ONLINE

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 1 (9261) Teaching

Section 2 (9262) Practice

Section 3 (9263) Research

MHCH 853 (13362) Advanced Topics in Perinatal and Pediatric Epidemiology (2 credits).

Critical review of current topics in, and methods for, perinatal and pediatric epidemiology.

Prerequisites, EPID 710 and EPID/MHCH 851. Permission of the instructor required for master's level students. S. Engel, Friday, 11:15am-1:10pm, McGavran-Greenberg 2305

MHCH 862 (9265) Maternal and Child Health Program Evaluation (3 credits).

Analytic skills seminar on the theory and practice of program impact evaluation. Topics: key issues to consider when evaluating program impact; selectivity and other problems; research designs; estimation strategies including instrumental variables, difference-in-difference models, fixed and random effects models, regression discontinuity methods, matching methods and propensity score analysis, and selection models. Prerequisites: Knowledge of Stata or a similar statistical package is required. It is assumed that students are familiar with descriptive and inferential statistics as well as multiple regression analysis. Instructor permission required for non-second year MCH doctoral students. G. Angeles, Monday, 1:25-4:05pm, McGavran-Greenberg 2303

MHCH 890 001 (9698) Health Equity (2 credits)

One of the three overarching goals of Healthy People 2020 is to achieve health equity, eliminate disparities and improve the health of all groups. Numerous health equity foci have emerged during the past decade. In this seminar, we will: (1) examine the contributors and root causes to these health inequalities; (2) understand the pathways and mechanisms through which the root causes are “embodied” to create adverse health effects in some populations; (4) review and assess specific public health, medical and other strategies to create equity. The overarching goal of this seminar is to stimulate learners to expand their perspective on advancing progress toward achieving health equity. J. Hussey, Wednesday, 1:25-3:20pm, Rosenau 235

MHCH 992 Master's Paper. (3 or more credits). (Use Section # of your advisor).

MHCH 994 Doctoral Dissertation. (3 or more credits). (Use Section # of your advisor).