

**DEPARTMENT OF MATERNAL AND CHILD HEALTH**  
**Schedule of Courses**  
**Fall 2017**

**MHCH 611 (3843) Nutrition of Children and Mothers** (cross-listed NUTR 611) (3 credits). Biologic bases for nutrient requirements and dietary recommendations as they vary throughout the life cycle. This course covers the nutritional needs of women during childbearing years, infants, children and adolescents. Requires Nutrition 100 (or equivalent) or permission of the instructor. A. Holliday and H. Wasser. Tuesday & Thursday 2:00-3:15PM, Rosenau 228

**MHCH 625 (8984) Injury as a Public Health Problem** (cross-listed EPID 625, HBHE 625) (1 credit). This course considers the causes and consequences of traumatic injury and dilemmas in injury research and prevention. This 1-credit course consists of 10 class sessions of 75 minutes each over the first five weeks of the semester. MHCH 625 is a prerequisite for MHCH 626 and MHCH 627. Prerequisites or Co-requisite: EPID 600 or equivalent or permission of instructor. S. Marshall and M. Shanahan. Tuesday & Thursday, 12:30-1:45pm, MHRC 0001

**MHCH 626 (8985) Intentional Injury as a Public Health Problem** (cross-listed EPID 626, HBHE 626) (1 credit). This 1-credit course considers the causes and consequences of intentional injury and dilemmas in injury research and prevention. The course meets once a week for 75 minutes starting the 6<sup>th</sup> week of the semester. Students may enroll in MHCH 627 concurrently. Prerequisites or Co-requisite: EPID 600 or equivalent or permission of instructor, MHCH 625. S. Marshall and M. Shanahan. Tuesday, 12:30-1:45pm, MHRC 0001

**MHCH 627 (8986) Unintentional Injury as a Public Health Problem** (cross-listed EPID 627, HBHE 627) (1 credit). This 1-credit course considers the causes and consequences of unintentional injury and dilemmas in injury research and prevention. The course meets once a week for 75 minutes starting the 6<sup>th</sup> week of the semester. Students may enroll in MHCH 626 concurrently. Prerequisites or Co-requisite: EPID 600 or equivalent or permission of instructor, MHCH 625. S. Marshall and M. Shanahan. Thursday, 12:30-1:45pm, MHRC 0001

**MHCH 701 (2938) Foundations in MCH** (4 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. L. Margolis, Monday & Wednesday, 8:00-9:45am, McGavran-Greenberg 2306

**MHCH 713 (2939) Research Methods in MCH.** (3 credits). The art and science of MCH research, with an emphasis on the critical evaluation of research findings. Student groups will design and carry out a small survey, and present their findings in a poster presentation. Focuses on assessment of MCH population characteristics, primary and secondary data analysis, and the evaluation of MCH programs. A practicum-based course. Permission required for non-majors. MSPH and 2<sup>nd</sup> yr MPH students given priority. J. Hussey, Tuesday & Thursday 9:30-10:45am, McGavran-Greenberg 1305

**MHCH 713L (2940) Research & Evaluation Methods in Maternal & Child Health Lab.** (1 credit). MHCH 713 Lab, which is a required companion course to MHCH 713, introduces students to statistical analysis using SPSS and Stata. Co-requisite: MHCH 713. Permission required for non-majors. J. Hussey, Thursday 11:00-12:15pm, MHRC 0003

**MHCH 718 (VARIES) Concurrent Field Training in Maternal and Child Health (Var)** An elective, faculty-supervised field experience in maternal and child health research, community practice, or program planning and evaluation. Students are supervised on-site by department-approved field instructors. 2<sup>nd</sup> year students who have completed MHCH 717 ONLY. Please register under your adviser's section number.

**MHCH 722 (2942) 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). Permission required for non-majors. K. Singh Ongechi, Wednesday 10:10- 1:10pm, McGavran-Greenberg 1305

**MHCH 723 (3031) Introduction to Monitoring and Evaluation of Global MCH Programs** (3 credits) This course provides students with the basic concepts and methodologies needed to monitor and evaluate programs in maternal and child health. The course covers monitoring and evaluation systems, conceptual frameworks and logic models, indicators, information sources, evaluation designs, and current related topics. The focus of the course is on practical issues for undertaking program monitoring and evaluation for maternal and child health programs in developing country settings. Priority as follows: Only 2nd yr MPH students, MSPH students. Contact Carrie Aldrich for registration. J. Barden-O'Fallon, Monday 9:05-12:05 PM, TBA

**MHCH 732 (12385) Gender-Based Violence** (3 credits) The 3-credit MHCH Gender-Based Violence (GBV) 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 1:25-4:25PM, McGavran-Greenberg 2305

**MHCH 745 (12386) Applied Methods for Health Transformation Implementation in MCH** (1 or 3 credits) This course is designed to integrate the theory, research, literature and evidence-supported practices that promote population health outcomes in MCH. The passage of the Patient Protection and Affordable Care Act (ACA) offers opportunities for improving public health systems, health care financing and delivery, and health outcomes for MCH populations. This online course can be taken either as a one-credit elective or a three-credit skills course. D. Cilenti, ONLINE

**MHCH 765 (5250) 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, 9:05am-12:05pm, Health Sciences Library Room TBD.

**MHCH 801 (7766) Doctoral Seminar** (3 credits) The MHCH Doctoral Seminar provides a forum for first year MHCH 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. J. Hussey, Tuesday & Thursday, 12:30-1:45, McGavran-Greenberg 2302

**MHCH 802 (9653) Graduate Teaching Seminar** (1 credit) The goal of this 1-credit hour seminar is to explore the strategies and concepts underlying effective teaching in small groups and the lecture hall. Doctoral students will engage a process of defining the characteristics of effective teaching and exploring how they can incorporate these characteristics into their own presentations. C. Halpern, Wednesday, 3:35-4:25, McGavran-Greenberg 2302

**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 (3268) Teaching  
Section 2 (3269) Practice  
Section 3 (3270) Research

**MHCH 851 (3274) Perinatal Epidemiology** (cross-listed EPID 851) (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. Prerequisites: EPID 600 and BIOS 600 or equivalents. S. Engel, Tuesday & Thursday 2:00-3:15PM, MHRC 0003

**MHCH 859 (2943) Theoretical Perspectives on Maternal and Child Health** (3 credits). This course provides an introduction to 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. Permission required for non-majors, masters and 1<sup>st</sup> yr doctoral students. J. Hussey, Tuesday & Thursday 3:30-4:45PM, McGavran-Greenberg 2302

**MHCH 890 002 (10975) Special Topics in Maternal Child Health: 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. It will cover the major theoretical frameworks defining abortion care and policy, and the epidemiology of abortion globally and nationally. It will analyze the public health implications of abortion policy, and evaluate the evidence, and the limitations of the evidence, regarding abortion care. It will explore the historical, legal and cultural contexts of abortion globally and nationally and 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 5:45-7:05pm, McGavran-Greenberg 1305

**MHCH 992 Master's Paper** (3 credits) Fall, Spring, Summer (sign up for your advisor's section number.)

**MHCH 994 Doctoral Dissertation** (3 credits) Fall, Spring, Summer (sign up for your advisor's section number.)