

DEPARTMENT OF MATERNAL AND CHILD HEALTH
Schedule of Courses
Fall 2014

MHCH 611 (7022) 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. Gordon-Larsen and Siega-Riz. Tuesday & Thursday 2:00-3:15PM, Rosenau 228

MHCH 625 (12929) 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, McGavran-Greenberg 2304

MHCH 626 (12930) 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 6th 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, McGavran-Greenberg 2304

MHCH 627 (12931) 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 6th 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, McGavran-Greenberg 2304

MHCH 690 (16188) Introduction to Racial and Ethnic Health Disparities (1 credit hour, section 002) Eliminating health disparities is a broad national goal for improving the health of Americans, and part of the mission of the Gillings School of Global Public Health. However, little to no progress has been made on eliminating disparities in morbidity and mortality experienced by some racial/ethnic subpopulations. This course provides students with the basic concepts about the origins of and contributing factors to racial/ethnic health disparities. Approaches to eliminating disparities will be examined. Weekly online lectures/materials will alternate with class discussions. Rowley, Wednesday, 3-4:00pm, Rosenau 235

MHCH 700 (4734) MCH Planning and Evaluation (3 credits) This course will familiarize students with basic concepts and methodologies required for effective public health program planning, implementation and evaluation in a variety of settings, both domestic and global. Students in this course will develop a program plan and complete assignments designed to build competencies across a typical program planning life cycle. Given the focus on public health application, students will also discuss and practice skills needed to promote the benefits and address the challenges inherent in

designing and evaluating public health programs in the context of an interdisciplinary project team. The course meets weekly with a lecture and group discussion format, supplemented by online lectures and team-based learning. Limited to residential students in MCH; priority given to 2nd year master's students having completed EPID 600. Permission required for non-majors. Contact Carrie Aldrich for registration. M. Roth, Monday 12:30-1:50pm, Rosenau 235

MHCH 701 (4730) 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, 8:30-10:15 AM, MHRC 0001

MHCH 713 (4731) 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 2nd yr MPH students given priority. C. Tucker, Tues & Thurs 9:30-10:45 AM, Rosenau 228

MHCH 713L (4732) 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 Section 401, Thursday 11-12:15 PM, HSL, TBD

MHCH 718 (5355) 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. Students choosing this elective are not exempt from MHCH 717

MHCH 722 (4738) Issues in International 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, Wednesdays 10:30- 12:50PM, Rosenau 228

MHCH 723 (4733) Introduction to Monitoring and Evaluation of MCH Programs (3 credits) This course provides the students with the basic concepts and methodologies needed to monitor and evaluate programs in maternal and child health both domestically and internationally. The course covers program planning, conceptual frameworks, program monitoring, indicators, information sources, evaluation designs, and survey development. The focus of the course is on practical issues for undertaking program monitoring and evaluation on maternal and child health programs. Priority as follows: Only 2nd yr MPH students, MSPH students. Contact Carrie Aldrich for registration. Speizer, Mondays 9:00-12:00 PM, Rosenau 228

MHCH 730 (16138) Reproductive Health Policy (3 credits) Seminar participants will examine forces that shape social policy relating to reproduction and the differential impact of policy based on age, socioeconomic status, ethnicity, marital status, and other factors. Focus will be on global

controversies in reproduction and reproductive health services in the context of transnational migration. S. Bloom and S. Curtis, Wednesday 1-4:00PM, McGavran-Greenberg 1304

MHCH 740 (8152) 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. A. Farel Tuesday, 5-6pm, McGavran-Greenberg 1303

MHCH 765 (7463) Clinical Support for Breastfeeding (3 credits) Master's or clinical four-year 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. M. Labbok, Friday, 8:00-11:00am, McGavran-Greenberg 1302

MHCH 801(4735) 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. S. Martin, Wednesday 2-5pm, MHRC 1001.

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 (6032) Teaching

Section 2 (6033) Practice

Section 3 (6034) Research

MHCH 851 (5371) 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. J. Daniels and A. Olshan, Tuesday & Thursday 2-3:15PM, McGavran-Greenberg 1304

MHCH 859 (4745) 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 & 1st yr doctoral students. J. Hussey, Tuesday & Thursday 3:30-4:45PM, McGavran-Greenberg 1302

MHCH 886 (10757) Advanced Applications in Health Services Research Methods (3 credit) This two-semester course provides an overview of maternal and child health services research and introduction to basic components of the research process, including literature synthesis, development of a research question and hypothesis, and the use of conceptual and logic models to clarify research questions. Prerequisites; doctoral standing or permission of the instructor. Weiner, Monday 1-3:50pm, McGavran-Greenberg 2301

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.)