

## DEPARTMENT OF MATERNAL AND CHILD HEALTH

### Schedule of Courses

#### FALL 2007

- MHCH 610 (200) Issues in Maternal and Child Health.** (3 credits). For students outside the Department of Maternal and Child Health who desire a survey of current issues and programs in maternal and child health. T. Bennett. Friday 10:00-12:50pm RO 133-AUDI
- MHCH 611 (111) 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 2:00-3:30pm, MC 1304
- MHCH 701 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, J. Kotch, Monday & Wednesday, 1:00-2:40 pm, MC 1304
- MHCH 713 (213) 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. 1<sup>st</sup> yr MPH students should email [yvette\\_thompson@unc.edu](mailto:yvette_thompson@unc.edu).** J. Hussey, Tues & Thurs 11:00-12:15 pm, HC 3100
- MHCH 713L(213L)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, Monday 9:00-10:30 am, MC 2307

**MHCH 714 (246) MCH Program, Planning and Evaluation**. (3 credits). The course covers the following areas 1) key theories and principles that guide health behavior change strategies. The course utilizes theory to understand the formulation of successful programmatic interventions in maternal and child health; 2) conceptualization of problem and intervention; 3) the use of data for needs assessment and evaluation purposes; 4) review of outcome evidence for proposed program plan; 5) review of program evaluation strategies; and 6) proposal development for program funding. This course is designed for individuals who anticipate working in the future in positions in the areas of program development and implementation. This course has an emphasis on the application of health behavior theory into practice. For MHCH majors only. **Priority as follows: 2<sup>nd</sup> yr MPH students, MSPH students, 1<sup>st</sup> yr MPH students graduating in December, all others.** J. Dodds, Friday 10:00-12:50pm, HC 0003

**MHCH 715 (215) Maternal and Child Health Management** (3 credits). Students in this course will become familiar with a broad range of organizational processes, management principles, and management tools required for effective management of health programs and facilities. A variety of learning techniques will be used including lectures, class discussion, group projects, guest discussants and field observation. Specific topics will include the application of continuous quality improvement techniques, leadership roles, human resource management, time management measurement tools and issues, planning and budgeting. Permission required for non-majors. C. Melvin, Wednesday 3:00-5:50pm, MC 1304

**MHCH 718 (208) 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 (222) 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 9:00AM-11:50AM, MC 1304

**MHCH 723**      **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: 2<sup>nd</sup> yr MPH students, MSPH students. Contact Yvette Thompson. Speizer, Tuesdays 2:00pm-4:50pm, HC 0001**

**MHCH 725 (125)**      **Injury as Public Health Problem** (cross-listed HBHE 725, EPID 695) (3 credits). This course considers the causes and consequences of traumatic injury within developmental, social, and economic contexts including dilemmas in injury prevention. Injuries associated with transportation, violence, the home and occupational environments are included. Requires EPID 600 or equivalent as a pre- or co-requisite or permission of instructor. J. Kotch and C. Runyan, Tuesday & Thursday 12:30-1:45 pm, HC 1001

**MHCH 740 (013)**      **Critical Review of an Infant Feeding Issue** (3 credits) This independent study will include selection of a research area that would allow preparation of a co-authored paper for peer-review publication on an approved subject related to infant and young child feeding and care and associated maternal health and nutrition issues. Students will meet biweekly for 2 hours to discuss progress and related "current events" to help shape approaches to evidence-based advocacy. Additional individual sessions will be held biweekly. Labbok

**MHCH 757**      **Special Child Populations** (3 credits)  
This course will focus on two populations that warrant special attention. By examining these populations in one course, students will be exposed to a range of contemporary issues that cut across childhood development. Both sections will emphasize the role of empirical research in understanding growth and development and formulating health services policies and programs. The first part of course will focus on access to services for children with chronic conditions. Children with chronic conditions require not only primary and specialty care in the health services system, but also diverse non-medical services. The second part of the course will focus on the developmental transitions of adolescence, and their implications for risk taking and health. Course participants will analyze current programs, interventions, and public policies as they relate to these two

special populations. Throughout the semester, students will examine their own attitudes toward and experience with children and youth with special needs. A Farel and C. Halpern, Mondays 9:00am-11:50pm, HC 1001

**MHCH 801**      **Doctoral Seminar** (1 credit) This two-semester doctoral seminar is conceptually and thematically linked to the Masters core course. The overall goal of the seminar is to provide a forum for deeper discussion of the major issues that affect the health and well-being of women during their reproductive years, infants, children, and adolescents in domestic and international settings. Activities center on critical evidence review and policy implications, with an eye toward skill building. L. Margolis, C. Halpern, Every 3<sup>rd</sup> Friday 1:00pm-3:50pm, HC0015

**MHCH 840 (340)**      **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 Teaching  
Section 2 Practice  
Section 3 Research

**MHCH 851 (219)**      **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 2:00-3:15pm, MC 1305

**MHCH 859 (259)**      **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 & 1<sup>st</sup> yr doctoral students. C. Halpern, Tuesdays 2-4:50pm, HC 3100

- MHCH 892**      **Seminar in Health Disparities** (crosslisted with EPID 892/001)  
(1 credit) This seminar will provide an opportunity for students to explore in greater depth selected topics/issues relating to the study of and intervention on health inequities. Select topics on theory, measurement, or intervention will be discussed. The seminar will create opportunities to synthesize knowledge across disciplines and to develop a stronger basis on which to build the student's health disparities research or public health work. **Priority given to those in the Health Disparities Certificate Program. Permission of instructor to enroll.** V. Hogan and A.Vines, Wednesdays 1-1:50pm, MC 2301
- MHCH 992 (392)**      **Master's Paper** (3 credits) Fall, Spring, Summer (sign up for your advisor's section number.)
- MHCH 994 (394)**      **Doctoral Dissertation** (3 credits) Fall, Spring, Summer (sign up for your advisor's section number.)