

DEPARTMENT OF MATERNAL AND CHILD HEALTH

Schedule of Courses

Spring 2015

MHCH 605 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. M. Labbok, Wednesday 9:05-11:55am, Hooker 0003/0004

MHCH 664 (140) 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, Tuesdays, 12:30-3:00pm, Rosenau 123

MHCH 680 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. D. Cilenti, Monday, 5:45-7:05pm, Rosenau 133

MHCH 685 Human Sexuality (1 credit) Through lecture and discussion this course examines selected aspects of sexual development, including perspectives on sexuality; the physical self; sexual attraction, behavior and relationships; contraception and reproduction, and the implications of these factors and experiences for physical and mental health. C. Halpern, Tuesday, 11-11:50am, McGavran-Greenberg 1304

MHCH 702 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, Monday and Wednesday 1:25-3:10pm, Hooker 0001

MHCH 712 Program Assessment in Maternal and Child Health (3 credits). This seminar offers an opportunity for students to develop assessment skills in the context of a consultative relationship with a local public health program. Three-member student teams will learn about effective team development and practice, make site visits, collect and analyze program data, conduct literature reviews, prepare a written report with recommendations, and make an oral presentation to the agency staff, MCH Department faculty and students. Permission required for non-majors. A. Farel, Monday 9:05-11:55am, Hooker 0003/0004

MHCH 716 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, Thursday 11:00am-1:50pm, McGavran-Greenberg 1303

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

MHCH 756 Understanding and Addressing Health Inequalities in the US (cross-listed with PUBH 756) (3 credits). This course is being taught to provide the knowledge, skills and abilities to conduct needs assessment, critical appraisal and measurement of the distribution, causes and consequences of health inequalities, to evaluate or design intervention with respect to clinical practice, allocation of resources, health, medical care and/or social policy, and to design appropriate etiologic, health services or clinical research, targeted toward understanding, reducing and ultimately eliminating health disparities of various types and across varying vulnerable populations. Prerequisites: EPID 600 or BIOS 600, Minimum of one content course in area of interest. V. Hogan and D. Rowley, Tuesday and Thursday, 2-3:15pm, Hooker 0003

MHCH 766 Clinical Support for Breastfeeding (3 credits). This two-semester clinic 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 re-certified non-faculty IBCLCs. This course includes direct supervision following a gradual process which begins with student observation of well couplet 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. Due to the nature and intensity of this course, this experience is limited to five registrants; students must have approval from the instructor prior to beginning. C. Sullivan, Friday 2-5pm, Room TBD

MHCH 790 (01W/972) Leadership Assessment Workshop (Cross-listed with PUBH 790) (2 credits) Intensive retreat program that introduces students to leadership theory as applied to MCH-Public Health issues. Course will focus on understanding self and others, building organizational culture, and applying leadership theory to MCH issues, among other issues. C. Fernandez, Web-based

MHCH 862 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, 12:20-3:10, McGavran-Greenberg 2303

MHCH 885 Health Services/Health Policy Research Methods II (Cross-listed with HPM 885) (3 credits). An introduction to basic research methods central to maternal and child health policy, including an introduction to basic components of the research process such as developing research questions and conceptual models, and overviews of research designs, quantitative and qualitative analytical methods, primary data collection, and secondary data analysis. Staff, Thursday, 9:30am-12:15pm, McGavran-Greenberg 1302

MHCH 890 Systems Integration and Adaptive Leadership in Women's Health (2 credits) Starting from a broad framework of public health systems development, this course will expose students to policies, programs, and clinical service opportunities that result in improved integration of public health, mental and behavioral health outcomes for girls and women. Students will learn and engage through guest lectures and panels, readings, discussions, and diverse multimedia resources over the course of the semester. D. Silenti, Friday 9:05-11:05am, McGavran-Greenberg 2301

MHCH 892 Interdisciplinary Seminar in Health Disparities (Cross-listed with EPID 892) (1 credit). This seminar will provide an opportunity for students to synthesize knowledge across disciplines and to develop an interdisciplinary approach to addressing their identified health disparities research topic. A. Vines, Friday 9:05-11:05am, McGavran-Greenberg 2301

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).