

**MPH in MCH Epidemiology Course Requirements
Fall 2011**

The MPH in MCH Epidemiology is an interdisciplinary program offered by the Division of Community Health Sciences and the Division of Epidemiology and Biostatistics of SPH. Students may apply through either division. Regardless of division, the MPH in MCH Epidemiology program is designed to provide students with a strong analytic foundation along with substantive knowledge of MCH programs, policies, and applied research.

Students in the MPH in MCH Epidemiology track are required to take a program that combines courses in Epidemiology with courses in Maternal and Child Health along with courses from other disciplines that focus on the substantive, analytic, and technical aspects of the public health planning cycle. The Student field experience and capstone project must be conducted at a state or local public health agency or be deemed relevant to the work of such agencies.

Overview of Program Requirements

A minimum of 52 semester hours of credit, including 3-5 hours of field experience with a state or local health agency, a 1 credit capstone project, and 3-4 credits of electives.

A. School-Wide Core Courses

Course #	Course Name	# of semester hours	Term Offered
BSTT 400	Biostatistics I	4 sh	F, Sp
CHSC 400	Public Health Concepts and Practice	3 sh	F, Sp
CHSC 401	Behavioral Sciences in Public Health	3 sh	F, Sp, Su
EOHS 400	Principles of Environmental Health Sciences	3 sh	F, Sp
EPID 403	Introduction to Epidemiology: Principles and Methods	3 sh	F, Sp
HPA 400	Basic Principles of Management in Public Health	3 sh	F, Sp, Su
IPHS 698	Capstone Experience (Master's Paper)	1 sh	F, Sp, Su

**B. MCH Epidemiology Required Courses
Required for both CHS & EPID/BSTT students**

Course #	Course Name	# of semester hours	Term Offered
BSTT 401	Biostatistics II	4 sh	Sp
CHSC 510	MCH Outcomes and Measurement	3 sh	F
CHSC 511	MCH Delivery Systems	3 sh	Sp
CHSC 594:	An Introduction to Applied Health Systems for Families	1 sh	Sp
<i>Choose two:</i>			
CHSC 431**	Community Assessment in Public Health	3 sh	F, Sp
CHSC 433**	Public Health Planning and Evaluation	3 sh	F, Sp
CHSC 434	Qualitative Methods	3 sh	F
CHSC 446**	Research Methods in Community Health	3 sh	F, Sp
CHSC 543**	MCH Policy and Advocacy	3 sh	F
PA 540	Research Design for Public Administration	4 sh	F (2012)
EPID 406	Epidemiologic Computing (<i>Prereq. for EPID 404</i>)	3 sh	F
EPID 404	Intermediate Epidemiologic Methods	4 sh	Sp

<i>Choose one:</i> EPID 409 EPID 410 EPID 411	The Epidemiology of HIV/AIDS Epidemiology of Infectious Diseases Epidemiology of Chronic Diseases	2 sh 2 sh 3 sh	Sp F Sp
<i>Choose one:</i> EPID 518 CHSC/EPID 548	Epidemiology of Pediatric Diseases Readings in Reproductive and Perinatal Epidemiology (includes independent study)	3 sh 2 sh + 1 sh	F Sp
	Electives (listed in section C)	3-4 sh	varies

C. Electives

BSTT 505	Logistic Regression and Survival Analysis	2 sh
BSTT 507	Sampling and Estimation Methods Applied to Public Health	3 sh
BSTT 594	Statistical Methods for Spatial Data in Public Health	3 sh
CHSC 419	Public Health Aspects of Sexuality and Women's Health	3 sh
CHSC 512**	Best Practices in MCH Programs	3 sh
CHSC 526	Family Perspectives on Disability	3 sh
CHSC 534	Management and Analysis of Qualitative Data	3 sh
CHSC 544	Public Health Aspects of Adolescence and Youth	3 sh
CHSC 545	Reproductive and Perinatal Health	3 sh
CHSC 547	Public Health Approaches to Maternal and Child Nutrition	3 sh
CHSC 553	Family Planning: Policies and Practices	2 sh
CHSC 554	International Women's Health: Current and Emerging Issues	3 sh
CHSC 594	Evidence-based Child Health	3 sh
EPID / EOHS 571	Injury Epidemiology and Prevention	3 sh
EPID 594	Sexually Transmitted Infections	3 sh
EPID 594	Surveillance	3 sh
NUSP 550	Issues for Research and Practice in Women's Health	3 sh

*All CHSC 511 students are required to take this course except those participating in CHSC 511 via CENTRA.

**Required for the MPH MCH-CHS Concentration, but waived as a requirement for MPH MCH-EPI if not selected as one of the required or elective courses for MCH-EPI students. CHSC 480 and CHSC 595 are waived for MPH MCH-EPI students.

C. Field Experience

IPHS 650	Field Experience in Public Health—a capstone experience	3-5 sh
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Summary of Required Credits

	School-Wide Core Courses	20 sh
	MCH Epidemiology Required Courses	29-31 sh
IPHS 650	Field Experience in Public Health—a capstone experience	3-5 sh