

Master of Science Program in Public Health Sciences
With Specialty in Epidemiology
AY2007-2008
UIC School of Public Health

Minimum credit hour requirement: 50 semester hours

This degree introduces students to research methods in Epidemiology and prepares them to conduct epidemiologic research, in public or private research settings. This is also a gateway to doctoral level study in Epidemiologic research.

PROGRAM REQUIREMENTS

Schoolwide Requirements

7 sh

EPID 403	Introduction to Epidemiology: Principles/ Methods	3 sh
BSTT 400	Biostatistics I	4 sh

Epidemiology Requirements

16-17 sh

EPID 406	Epidemiologic Computing	3 sh
EPID 404	Intermediate Epidemiologic Methods	4 sh
EPID 591	Current Epidemiologic Literature	2 sh
EPID 595	Research Seminar	1 sh
BSTT 401	Biostatistics II	4 sh
BSTT 505	Survival analysis and logistic regression	2 sh
or		
BSTT 506	Design of Clinical Trials	3 sh
or		
BSTT 507	Sampling and Estimation Methods	3 sh

Electives

19 sh

Epidemiology Courses	12 sh
- at least 7 semester hours of these must be at the 500 level	
Other Electives	7 sh
- At least 3 semester hours should be one of the following: EOHS400, CHSC400, CHSC 401 or HPA400	

Research Experience

8 sh

Students will conduct a thesis which will consist of an Epidemiologic research project. This project may involve using existing data or may involve a quantitative synthesis (i.e., meta-analysis) of the literature. Written and oral presentation of the results from their research project will be required. The written presentation should be in a format and of sufficient quality for publication in a peer review journal.

PROGRAM TOTAL

50-51 sh

Suggested Program Schedule - MS in Epidemiology
UIC School of Public Health
Division of Epidemiology and Biostatistics
- AY 2006-2007

Minimum requirement of 50 sh

YEAR	FALL				SPRING				SUMMER		
Year 1	BSTT 400	Biostatistics I	4 sh	BSTT 401	Biostatistics II	4 sh	EPID 591	Current Epidemiologic Literature	2 sh		
	EPID 403	Introduction to Epidemiology: Principles & Methods	3 sh	EPID 404	Intermediate Epidemiologic Methods	4 sh					
	EPID 406	Epidemiologic Computing	3 sh	Electives		4 sh					
	EPID 595	Research Seminar	1 sh								
	Electives		3 sh								
	Total		14 sh	Total		12 sh			Total	2 sh	
Year 2	BSTT 402	Survival Analysis/Logistic Regression	2 sh	Electives		2 sh					
	Electives		6 sh	IPHS 598	Research	4 sh					
	IPHS 598	Research	4 sh	Electives		5 sh					
	Total		12 sh	Total		11 sh					

