

Master of Science Program in Public Health Sciences
With Specialty in Epidemiology
AY2008-2009
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 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 |

Concentration Requirements

6 sh

| | | |
|----------|-------------------------------|------|
| EPID 515 | Survey of Cancer Epidemiology | 3 sh |
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At least 3 semester hours should be one of the following: Nutritional Epidemiology (CHSC 514 or HN 594); EPID 516 (Advanced Cancer Epidemiology); EPID 520 (Genetics in Epidemiology); EPID 554 (Occupational and Environmental Epidemiology); EPID 594 (Social Epidemiology) or EPID 594 (Surveillance Epidemiology)

Electives

13 sh

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 sh

Suggested Program Schedule - MS in Epidemiology
UIC School of Public Health
Division of Epidemiology and Biostatistics
- AY 2008-2009

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 | *RECOMMENDED: Online IRB training | | | |
| | EPID | 595 | Research Seminar | 1 sh | | | | | | | | |
| | Electives | | | 2 sh | | | | | | | | |
| | Total | | | 13 sh | Total | | | 12 sh | Total | | | 2 sh |
| Year 2 | BSTT | 505 | Survival Analysis/Logistic Regression | 2 sh | Electives | | | 4 sh | | | | |
| | EPID | 515 | Survey of Cancer Epidemiology | 3 sh | IPHS 598 | Research | 4 sh | 4 sh | | | | |
| | Electives | | | 3 sh | Consentration Requirement | | | 3 | | | | |
| | IPHS | 598 | Research | 4 sh | Total | | | 11 sh | | | | |
| | Total | | | 12 sh | | | | | | | | |