

**DEPARTMENT OF EPIDEMIOLOGY
GRADUATION CHECKLIST
FOR STUDENTS STARTING IN FALL 2009**

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| Hospital and Molecular Epidemiology - 42 Credit Hour Program |
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BIC REQUIREMENTS:

At least one BIC requirement must be taken outside the Epidemiology Department.

BIC courses may not be taken as Pass/Fail.

Please review the BIC policy before choosing your BIC courses. For more information on BIC requirements and course options, please refer to <http://www.sph.umich.edu/students/current/academics/bic.html>

Physical, Chemical and Biological Aspects of Health: (*choose one*)

- _____ **Epid 517** (3) Essentials of Pathobiology, *or* **Epid 623** (3) Nutritional Epidemiology *or*
_____ **EHS 500** (2) Principles of EHS, **EHS 550** (3) Intro. to Occupational & Env. Health, **EHS 508** (2) Principles of Risk Assessment *or any* **EHS** course of 2 credits or more [class:_____]

Health Administration, Planning and Policy Analysis: (*choose one*)

- _____ **HMP 602** (4) Survey of the U.S. Health Care System, **HMP 653** (3) Law and Public Health,
_____ **HMP 685** (3) The Politics of Public Health Policy *or any* **HMP** course of 2 credits or more [class:_____]

Social and Behavioral Sciences in Public Health: (*choose one*)

- _____ **Epid 514** (3) Social Epidemiology, **Epid 666** (3) Health and Socioeconomic Development *or*
_____ **HBHE 600** (3) Psychosocial Factors in Health-Related Behavior, **HBHE 632** (3) Racial/Ethnic Health Disparities Research and Interventions, **HBHE 678** (3) Critical Histories, Critical Moments in HBHE *or any* **HBHE** course of 2 credits or more [class:_____]

SCHOOL OF PUBLIC HEALTH AND DEPARTMENTAL REQUIREMENTS:

Biostatistics:

- _____ **Biostat 553 (RECOMMENDED)**(4) Applied Biostatistics *OR* **Biostat 503** (4) Introduction to Biostatistics
(*exemptible by examination or prior statistics course at UM: Stat 350 or 400*)

Epidemiology:

- _____ **Epid 600** (3) Introduction to Epidemiology

DEPARTMENTAL CORE REQUIREMENTS:

- _____ *Infectious Disease Requirement:* **Epid 605** (3) Infectious Disease Epidemiology, **EPID 607** (3) Applied Epidemiology, *or* **Epid 609** (3) Vaccines in Public Health (*choose one*)
_____ **Biostat 523** (3) Biostatistical Studies

HME PROGRAM CORE REQUIREMENTS:

- _____ **Epid 543** (2) Virus Diseases
_____ **Epid 545** (3) Viral and Molecular Techniques Laboratory
_____ **Epid 560** (3) Mechanisms of Bacterial Pathogenesis
_____ **Epid 680** (2-3) Hospital Epidemiology (**optional three credits with written paper**)
_____ **Biostat 510** (3) Statistical Computer Program Packages

DEPARTMENTAL CAPSTONE AND INTEGRATIVE COURSES:

- _____ **Epid 565** Research in Hospital & Molecular Epidemiology (*3 credits required, 1 credit per term except 2 credits for term in which student's seminar is presented*)

ELECTIVE COURSES: 0-6 credits (or number of credits needed to total 42 credits) of graduate level courses

SAMPLE PROGRAM

(This is only a sample. Your plan of study should be discussed with your advisor.)

MPH Hospital and Molecular Epidemiology 42 Credits

FIRST TERM (Fall)

| | | |
|-------------|---|-----------|
| Epid 600 | Introduction to Epidemiology | 3 |
| Biostat 553 | Applied Biostatistics <i>or</i> Biostat 503 | 4 |
| Epid 565 | Research in Hospital and Molecular Epidemiology | 1 |
| | EHS BIC Requirement | 3 |
| | HBHE BIC Requirement | 3 |
| | TOTAL | 14 |

SECOND TERM (Winter)

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|-------------|--|-----------|
| Epid 543 | Virus Disease | 2 |
| Epid 545 | Viral and Molecular Techniques Laboratory | 3 |
| Epid 565 | Research in Hospital and Molecular Epidemiology | 1 |
| Biostat 523 | Biostatistical Analysis for Health-Related Studies | 3 |
| Biostat 510 | Statistical Computer Program Packages | 3 |
| | Infectious Disease Requirement (605, 607 or 609 – offered during winter term only) | 3 |
| | TOTAL | 15 |

THIRD TERM (Fall)

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|----------|---|-----------|
| Epid 560 | Mechanisms of Bacterial Pathogenesis | 3 |
| Epid 680 | Hospital Epidemiology | 3 |
| Epid 565 | Research in Hospital and Molecular Epidemiology | 2 |
| | HMP BIC Requirement | 3 |
| | Elective | 2 |
| | TOTAL | 13 |

Final Total 42 Credits

Course Descriptions: <http://www.sph.umich.edu/iscr/caid/>