

**DEPARTMENT OF EPIDEMIOLOGY  
GRADUATION CHECKLIST  
FOR STUDENTS STARTING IN FALL 2008**

**Hospital and Molecular Epidemiology - 42 Credit Hour Program**

**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 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\* (4) Applied Biostatistics *or* Biostat 503 (4) Introduction to Biostatistics  
(*exemptible by examination or prior statistics course at UM: Stat 350 or 400*)  
*\*recommended*

**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
	BIC Requirement	3
	Elective	3
<b>TOTAL</b>		<b>14</b>

### SECOND TERM (Winter)

Epid 543	Virus Disease	2
Epid 545	Viral and Molecular Techniques Laboratory	3
Epid 582	Molecular Epidemiology	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
<b>TOTAL</b>		<b>18</b>

### THIRD TERM (Fall)

Epid 560	Mechanisms of Bacterial Pathogenesis	3
Epid 680	Hospital Epidemiology	2-3
Epid 565	Research in Hospital and Molecular Epidemiology	1
	BIC Requirement	3
	BIC Requirement	3
<b>TOTAL</b>		<b>12-13</b>

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