

DEPARTMENT OF EPIDEMIOLOGY GRADUATION CHECKLIST  
FOR STUDENTS STARTING IN FALL 2009

**Hospital and Molecular Epidemiology - 60 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 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:**

- \_\_\_\_\_ **Epid 517** (3) Essentials of Pathobiology  
\_\_\_\_\_ **Epid 545** (3) Viral and Molecular Techniques Laboratory  
\_\_\_\_\_ *Noncommunicable Disease Epidemiology:* **Epid 550** (3) Reproductive Epidemiology, **Epid 552** (3) Epidemiology of Chronic Diseases, **Epid 604** (3) Cardiovascular Disease, **Epid 621** (3) Cancer Epidemiology (**choose one**)  
\_\_\_\_\_ *Infectious Disease Epidemiology:* **Epid 605** (3) Infectious Disease Epidemiology, **Epid 607** (3) Applied Epidemiology for Public Health Practice **or Epid 609** (3) Vaccines in Public Health (**choose one**)  
\_\_\_\_\_ **Biostat 523** (3) Biostatistical Studies

**HME PROGRAM CORE REQUIREMENTS:**

- \_\_\_\_\_ **Epid 543** (2) Virus Disease  
\_\_\_\_\_ **Epid 560** (3) Mechanisms of Bacterial Pathogenesis  
\_\_\_\_\_ **Epid 582** (3) Molecular Epidemiology  
\_\_\_\_\_ **Epid 680** (2-3) Hospital Epidemiology (*optional three credits with written paper*)  
\_\_\_\_\_ **Biostat 510** (3) Statistical Computer Program Packages

**DEPARTMENTAL CAPSTONE AND INTEGRATIVE REQUIREMENTS:**

- \_\_\_\_\_ **Epid 565** (4-5) Research in Hospital & Molecular Epidemiology (*Total of 4 credits required. 1 credit per term except 2 credits for term in which student's seminar is presented*)

**ELECTIVE COURSES:** 14-16 credits (*or number of credits needed to total 60 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 - 60 Credits

### FIRST TERM (Fall)

Epid 600	Introduction to Epidemiology	3
Biostat 553	Applied Biostatistics <i>or</i> Biostat 503	4
Epid 517	Essentials of Pathobiology	3
Epid 565	Research in Hospital and Molecular Epidemiology	1
	BIC Requirement	3
	<b>TOTAL</b>	<b>14</b>

### SECOND TERM (Winter)

Epid 565	Research in Hospital & Molecular Epidemiology	1
Epid 545	Viral & Molecular Techniques Laboratory	3
Biostat 523	Biostatistical Analysis for Health-Related Studies	3
Biostat 510	Statistical Computer Program Packages	3
	Noncommunicable Disease Requirement	3
	Elective	1
	<b>TOTAL</b>	<b>14</b>

### THIRD TERM (Fall)

Epid 565	Research in Hospital & Molecular Epidemiology	1
Epid 560	Mechanisms of Bacterial Pathogenesis	3
Epid 680	Hospital Epidemiology (optional 1 extra credit for writing a paper)	2
	BIC Requirement	3
	Elective	3
	Elective	3
	<b>TOTAL</b>	<b>16</b>

### FOURTH TERM (Winter)

Epid 565	Research in Hospital & Molecular Epidemiology	2
Epid 543	Virus Diseases	2
Epid 582	Molecular Epidemiology	3
	BIC Requirement	3
	Infectious Disease Requirement (605, 607 or 609 - courses offered during winter term only)	3
	Elective	3
	<b>TOTAL</b>	<b>16</b>

**Final Total 60 Credits**

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