

**DEPARTMENT OF EPIDEMIOLOGY
GRADUATION CHECKLIST
FOR STUDENTS STARTING IN FALL 2007**

Hospital and Molecular Epidemiology - 42 Credit Hour Program

BREADTH REQUIREMENTS: *

*Note: At least one breadth requirement must be taken outside the Epidemiology Department
Breadth courses may not be taken as Pass/Fail*

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

- Epid 623 (3) *Nutritional Epidemiology* or, if offered,
Graduate Summer Session (GSS) courses: EPID 730/724/723 or
 Any EHS course of 2 credits or more [class: _____]

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

- HBHE 634 (3) or
 Any HMP course of 2 credits or more [class: _____]

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

- Epid 514 (3) *Social Epidemiology* or, Epid 666 (3) *Health and Socioeconomic Development* or
 Any HBHE course of 2 credits or more [class: _____]

SCHOOL OF PUBLIC HEALTH AND DEPARTMENTAL REQUIREMENTS:

Biostatistics:

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

Epidemiology:

- Epid 600 (3) *Introduction to Epidemiology*

DEPARTMENTAL CORE REQUIREMENTS:

- Epid 601 (4) *Principles and Methods of Epidemiology*
 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 or Micrbiol 415*
 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)*

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 worked out with your advisor.)

MPH Hospital and Molecular Epidemiology 42 Credits

FIRST TERM (Fall)

Epid 600	Introduction to Epidemiology	3
Biostat 553	Applied Biostatistics (or Biostat 503)	4
Epid 565	Research in Hospital and Molecular Epidemiology	1
	Elective and/or Breadth Requirement	7-8
	TOTAL	15-16

SECOND TERM (Winter)

Epid 601	Principles and Methods of Epidemiology	4
Epid 545	Viral and Molecular Techniques Laboratory	3
Micrbiol 415	Virology (replaces Epid 543 Virus Disease)	3
Epid 582	Molecular Epidemiology	3
Epid 565	Research in Hospital and Molecular Epidemiology	1
Biostat 523	Biostatistical Analysis for Health-Related Studies	3
Epid 605	Infectious Disease Epidemiology	3
	TOTAL	19

THIRD TERM: SUMMER OPTION (Must take 32 total credits in fall and winter terms)

Must take Epid 560 in first fall term

EPIDEMIOLOGY GRADUATE SUMMER SESSION (GSS)

(These courses may not be offered every summer)

Spring Half: Epid 565	Research in Hospital and Molecular Epidemiology	2
Summer Half: (GSS) Epid 703/731/755	Control & Prevention of Infectious Disease; STDs: Epidemiologic Principles; Emerging Infections; and one elective GSS course	4
Epid 659	Applications of Epidemiology (Capstone Paper)	4
	TOTAL	10

OR

THIRD TERM: FALL OPTION: (May take total of 30 credits in fall and winter terms)

Epid 560	Mechanisms of Bacterial Pathogenesis	3
Epid 680	Hospital Epidemiology	2-3
Epid 565	Research in Hospital and Molecular Epidemiology	1
	Elective and/or Breadth Requirement	5
	TOTAL	11-12

Course Descriptions: www3.sph.umich.edu/caid