

DEPARTMENT OF EPIDEMIOLOGY
GRADUATION CHECKLIST
FOR STUDENTS STARTING IN FALL 2007

Hospital and Molecular Epidemiology - 60 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)

_____ EHS 513 (3) *Pathologic Basis of Disease*, Epid 623 (3) *Nutritional Epidemiology* or, if offered,
Graduate Summer Session courses EPID 730/724/723 (not all courses are offered every summer) 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*
_____ EHS 513 (3) *Pathologic Basis of Disease*
_____ 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 616 (2) *Neuroepidemiology of Aging Populations*, Epid 621 (3) *Cancer Epidemiology*,
or Epid 677 (3) *Epidemiology of Aging*) (*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*)

DEPARTMENTAL CAPSTONE AND INTEGRATIVE COURSES:

_____ 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 worked out with your advisor.)
MPH Hospital and Molecular Epidemiology - 60 Credits

FIRST TERM (Fall)

Epid 600	Introduction to Epidemiology	3
Biostat 553	Applied Biostatistics (Biostat 503 is also an option)	4
EHS 513	Pathologic Basis of Disease	3
Epid 565	Research in Hospital and Molecular Epidemiology	1
	Elective, Breadth Requirement (e.g. HMP or HBHE)	4
	TOTAL	15

SECOND TERM (Winter)

Epid 601	Principles and Methods of Epidemiology	4
Epid 565	Research in Hospital & Molecular Epidemiology	1
Epid 545	Viral & Molecular Techniques Laboratory	3
Biostat 523	Biostatistical Analysis for Health-Related Studies	3
Epid 605	Infectious Disease Epidemiology	3
	TOTAL	14

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
	Elective, Breadth Requirement and/or Noncommunicable Disease Requirement (Epid 552, 604 or 677)	9
	TOTAL	15

FOURTH TERM (Winter)

Epid 565	Research in Hospital & Molecular Epidemiology	2
Epid 543	Virus Diseases	2
Epid 582	Molecular Epidemiology	3
Epid 609	Vaccines in Public Health	3
	Elective or Breadth Requirement	6
	TOTAL	16

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