

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

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*)

- _____ EHS 513 (3) Pathologic Basis of Disease, 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:

- _____ 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**)
- _____ 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
EHS 513	Pathologic Basis of Disease	3
Epid 565	Research in Hospital and Molecular Epidemiology	1
	BIC Requirement	3
	TOTAL	14

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	3
	TOTAL	16

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
	TOTAL	15

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	3
	Elective	3
	TOTAL	16

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