

Epidemiology, PhD

Academic Plans

Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

Epidemiology, PhD

Course	Title	Hours
Academic Career		
Any Semester		
78 s.h. must be graduate level coursework; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website. ^a		
A program GPA of at least 3.00 is required.		
Hours		0
First Year		
Any Semester		
Preceptorship Requirement ^b		
PhD Qualifying Exam ^c		
Department Seminar ^d		
Hours		0
Fall		
BIOS:4120	Introduction to Biostatistics	3
EPID:4400	Epidemiology I: Principles	3
EPID:5600	Introduction to Epidemiology Data Management and Analysis	3
CPH:6100	Essentials of Public Health	2
CPH:7270	Principles of Scholarly Integrity: Public Health ^e	0
EPID:5925	Epidemiology Journal Club: Evaluating the Literature ^f	0 - 1
Hours		11-12
Spring		
EPID:5241	Statistical Methods in Epidemiology	4
EPID:5610	Intermediate Epidemiology Data Analysis with SAS and R	3
EPID:6400	Epidemiology II: Advanced Methods	4
CPH:7270	Principles of Scholarly Integrity: Public Health ^e	1
EPID:5925	Epidemiology Journal Club: Evaluating the Literature ^f	0 - 1
Hours		12-13
Second Year		
Any Semester		
Department Seminar ^d		
Hours		0
Fall		
MPB:5153 or HHP:3500	Graduate Physiology or Human Physiology	3 - 4
EPID:6100	Writing a Grant Proposal	3

EPID:7400	Epidemiology III: Theories	3
PATH:5270 or PATH:8133	Pathogenesis of Major Human Diseases ^g or Introduction to Human Pathology for Graduate Students	3 - 4
EPID:5925	Epidemiology Journal Club: Evaluating the Literature ^f	0 - 1
Hours		12-15
Spring		
BIOS:6210	Applied Survival Analysis ^{h, i}	3
EPID:6050	Research in Epidemiology	3
Elective ⁱ		3 - 4
Elective ⁱ		3 - 4
EPID:5925	Epidemiology Journal Club: Evaluating the Literature ^f	0 - 1
Hours		12-15
Third Year		
Any Semester		
Comprehensive Exam ^j		
Prospectus Defense		
Department Seminar ^d		
Hours		0
Fall		
BIOS:6310	Introductory Longitudinal Data Analysis ^{h, i}	3
Elective ⁱ		3
Elective ⁱ		3 - 4
Elective ⁱ		3 - 4
EPID:5925	Epidemiology Journal Club: Evaluating the Literature ^f	0 - 1
Hours		12-15
Spring		
Elective ⁱ		3 - 4
Elective ⁱ		3 - 4
Elective ⁱ		3 - 4
Hours		9-12
Fourth Year		
Any Semester		
Department Seminar ^d		
Hours		0
Fall		
EPID:7000	Thesis/Dissertation	9
Hours		9
Spring		
EPID:7000	Thesis/Dissertation	1 - 9
Final Exam ^k		
Hours		1-9
Total Hours		78-100

a Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.

b Students who did not complete the Epidemiology MS program at UI are required to take EPID:5950 Preceptorship or receive program approval to substitute a previously completed equivalent course; must be completed by end of the first year.

- c Taken during spring semester of the first year (or after completion of epidemiology core coursework); same as the MS final examination with the addition of an essay exam.
- d Students must attend the Epidemiology department seminar and are expected to achieve at least 80% attendance during each semester of enrollment; PhD students are required to make one presentation at Department Seminar preferably during the semester of the dissertation defense.
- e Taken in the fall and spring of first year for 0 s.h. and 1 s.h., respectively.
- f PhD students are required to achieve at least 80% attendance for five semesters; prior MS attendance does not count. If taken for 1 s.h., the credit will not be applied toward the minimum semesters hours required for the PhD in Epidemiology.
- g Students with a strong biosciences background may substitute PATH:5270 for PATH:8133 if it fits better with their training plan. PATH:5270 is an advanced course that requires a strong foundation in molecular biology and related disciplines, but may be suitable for some students.
- h Students must complete either BIOS:6210 (typically during second year fall semester) or BIOS:6310 (typically during third year fall semester).
- i At least 3 s.h. of electives must be from the Epidemiology department (prefix EPID) and outside of Research Interest Area; see General Catalog and website for coursework and specifics. Work with faculty advisor to select appropriate graduate elective coursework in Research Interest Area.
- j Taken after the majority of coursework for the PhD degree has been completed.
- k Dissertation defense.