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, b, c]		
Graduate College program GPA of at least 3.00 is required.		
	Hours	**0**
First Year		
Any Semester		
Preceptorship Requirement [d]		
PhD Qualifying Exam [e]		
Department Seminar [f]		
	Hours	**0**
Fall		
BIOS:4120	Introduction to Biostatistics	3
CPH:6100	Essentials of Public Health	2
CPH:7270	Principles of Scholarly Integrity: Public Health [g]	0
EPID:4400	Epidemiology I: Principles	3
EPID:5600	Introduction to Epidemiology Data Management and Analysis	3
EPID:5925	Epidemiology Journal Club: Evaluating the Literature [h]	0 - 1
	Hours	**11-12**
Spring		
BIOS:5120	Regression Modeling and ANOVA in the Health Sciences	3
CPH:7270	Principles of Scholarly Integrity: Public Health [g]	1
EPID:5610	Intermediate Epidemiology Data Analysis With SAS and R	3
EPID:5925	Epidemiology Journal Club: Evaluating the Literature [h]	0 - 1
EPID:6400	Epidemiology II: Advanced Methods	4
	Hours	**11-12**
Summer		
EPID:6050	Research in Epidemiology [i]	3
	Hours	**3**
Second Year		
Any Semester		
Department Seminar [f]		
	Hours	**0**
Fall		
BIOS:6310	Introductory Longitudinal Data Analysis [j, k]	3
EPID:5925	Epidemiology Journal Club: Evaluating the Literature [h]	0 - 1
EPID:6100	Writing a Grant Proposal	3
EPID:7400	Epidemiology III: Theories	3
HHP:4390	Understanding Human Disease [l]	3
	Hours	**12-13**
Spring		
BIOS:6210	Applied Survival Analysis [j, k]	3
EPID:5925	Epidemiology Journal Club: Evaluating the Literature [h]	0 - 1
EPID:6655	Causal Inference	3
Research area elective course [j]		3
Research area elective course [j]		2
	Hours	**11-12**
Third Year		
Any Semester		
Exam: Doctoral Comprehensive Exam [m]		
Prospectus Defense		
Department Seminar [f]		
	Hours	**0**
Fall		
EPID:5925	Epidemiology Journal Club: Evaluating the Literature [h]	0 - 1
Research area elective course [j]		3
Research area elective course [j]		3
Research area elective course [j]		3
	Hours	**9-10**
Spring		
Research area elective course [j]		3
Research area elective course [j]		3
Research area elective course [j]		2
Elective course (prefix EPID, outside of research area) [j]		3
	Hours	**11**
Fourth Year		
Any Semester		
Department Seminar [f]		
	Hours	**0**
Fall		
EPID:7000	Thesis/Dissertation [n]	9
	Hours	**9**
Spring		
EPID:7000	Thesis/Dissertation [n]	1 - 9
Exam: Doctoral Final Exam [o]		
	Hours	**1-9**
	Total Hours	**78-91**

a All core courses except CPH:6100, CPH:7270, and EPID:6050 must be taken on an A-F graded basis.

b Every student is required to present at least one scientific poster at the department level and one poster at the international, national, regional, state, or university level at some point prior to graduation. A student?s advisor or dissertation mentor can help determine the suitability and timeline for the poster presentation.

c 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.
d Doctoral students who did not complete the MS program in epidemiology at the University of Iowa are required to take EPID:5950 or demonstrate that an equivalent course has been completed. This requirement must be fulfilled within one year of admission to the PhD program.
e 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.
f Students must attend the Department of Epidemiology seminar and are expected to achieve at least 80% attendance at the seminar during each semester of enrollment; PhD students are required to make one presentation, preferably during the semester of their dissertation defense.
g Taken first year in the fall semester for 0 s.h. and in the spring semester for 1 s.h.
h Full-time students enroll in EPID:5925 for 0 s.h. five times, typically the first five fall and spring semesters before the end of their third year. Students enrolled part-time (less than 9 s.h.) who have a graduate research assistantship appointment may choose to register for 1 s.h. However, the credit earned for this course will not be applied toward the minimum semester hours required for the PhD in epidemiology.
i Students complete EPID:6050 to conduct a thorough literature review to frame a targeted research question/specific aim as part of the approval process to register for EPID:6100.
j Students must complete 25 s.h. in research area electives, as well as at least 3 s.h. from Department of Epidemiology courses (prefix EPID) outside their research interest area. Work with faculty advisor to select appropriate graduate elective coursework.
k Students must complete either BIOS:6310 (typically during second year fall semester) or BIOS:6210 (typically during second year spring semester).
l Students must take a human pathology course on an A-F graded basis. Most students enroll in HHP:4390, but those with a strong biosciences background may choose to enroll in PATH:5270.
m Taken after the majority of coursework for the PhD degree has been completed.
n Complete at least 10 s.h. in EPID:7000. With the program's permission, students may take up to an additional 8 s.h. of this course for a total maximum of 18 s.h. applied to the degree; may be taken on an S/U graded basis.
o Dissertation defense.