

Epidemiology Minor

A graduate minor in epidemiology provides the graduate student the opportunity to build a strong methodological foundation which can be applied to public health and a variety of academic programs and research areas. The minor is managed by the Department of Public Health that offers the core courses. Electives are available from the Colleges of Veterinary Medicine, Social Work, Arts and Sciences, Nursing, and the Herbert College of Agriculture.

Admissions Standards/Procedures:

Approval from the Department of Public Health (i.e., Epidemiology faculty)
GPA of 3.30 (B+) in PUBH 530 and PUBH 540

Academic Standards:

Average GPA in all courses of 3.0 (B) or higher

Credit Hours Required: 12 credit hours (Note: only 3 credit hours may be applied to both the Epidemiology and Statistics Minors.)

Required Courses:

Course	Hours Credit
PUBH 540 – Principles of Epidemiology	3
PUBH 530 – Biostatistics	3
PUBH 640 – Advanced Epidemiologic Methods	3
Elective Courses*	3

* Electives must be approved by the Epi faculty

Total 12

Elective Coursework:

The student must choose at least one course from among the courses listed in the table below. This list includes courses that involve primarily quantitative methods. For the most part, these courses have no specific prerequisite, but students in the Minor in Epidemiology Program would be expected to obtain the Instructor's permission before enrolling. Students must receive permission from the Epidemiology faculty in the Department of Public Health to use an alternate course for the Minor's elective requirement.

Discipline	Course #	Course Name	Credit
Comparative and Experimental Medicine (CEM)	507	Epidemiology of Vector-borne, Bacterial and Viral Zoonotic Diseases	3
Comparative and Experimental Medicine (CEM)	601	Advanced Epidemiology	3
Comparative and Experimental Medicine (CEM)	602	GIS and Geographical Epidemiology	3
Geography (GEOG)	509	Topics in Geography	3
Geography (GEOG)	515	Topics in Quantitative Geography	4
Public Health (PUBH)	531	Biostatistics II	3
Public Health (PUBH)	635	Systematic Reviews and Meta-Analysis	3
Sociology (SOCI)	631	Advanced Quantitative Methods	3
Business Analytics & Statistics (STAT)	578	Categorical Data Analysis	3