

Epidemiology Minor

The epidemiology graduate minor is a 12 credit hour minor which provides the student with the opportunity to build a strong methodological foundation which can be applied to public health as well as to a wide variety of academic programs. Core courses are offered by the College of Education, Health, and Human Sciences, with electives available from the Colleges of Veterinary Medicine, Social Work, Arts and Sciences, Nursing, and Agricultural Sciences and Natural Resources.

Required Courses	Hours Credit
PUBH 540 – Principles of Epidemiology	3
PUBH 530 – Biostatistics	3
PUBH 542 – Advanced Epidemiologic Methods	3
Elective Courses*	3
Total 12	

* Electives must be approved by advisor

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 quantitative methods as well as those which involve primarily qualitative methods. The course instructors have been contacted and agree to allow students outside of their department to enroll in their course. 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.

Discipline	Course #	Course Name	Instructor	Credit
Animal Science (ANSC)	571	Design and Analysis of Biological Research	Saxton, A.	3
Child and Family Studies (CFS)	650	Advanced Qualitative Research Methods	Blanton, P.	3
Comparative and Experimental Medicine (CEM)	501	Special Topics in Comparative and Experimental Medicine: Zoonoses for the Public Health Practitioner	Rohrbach, B.	1 (6)
Comparative and Experimental Medicine (CEM)	504	Descriptive and Applied Epidemiology	Odoi, A.	3

Comparative and Experimental Medicine (CEM)	610	Advanced Topics in Epidemiology	Moore, R., Bemis, D., Odoi, A., Rohrbach, B.	1 (3)
Comparative and Experimental Medicine (CEM)	615	GIS and Geographical Epidemiology	Odoi, A.	3
Cultural Studies in Education/Educational Psychology (CSE/EDPY)	560/555	Introduction to Qualitative Research in Education	Anders, A., Paulus T.	3
Ecology and Evolutionary Biology (EEB)	560	Biometry	Fordyce, J.	3
Educational Psychology (EDPY)	505	Quasi-Experimental and Single-subject Design Research	McCallum, R.	3
Kinesiology (KIN)	521	Physical Activity Epidemiology Methods	Fitzhugh, E.	3
Kinesiology (KIN)	635	Physical Activity and Positive Health	Fitzhugh, E., Thompson, D.	3
Nutrition (NUTR) <i>Both courses required</i>	543 & 545	Research Methods I and II	Zhao, L. Zemel, M.	2 2
Psychology (PSYC)	521	Analysis of Variance for Social Sciences	Gaertner, L.	3
Psychology (PSYC)	522	Multiple Regression for Social Sciences	Gaertner, L.	3
Statistics (STAT)	537	Statistics for Research I	Schmidhammer, J.	3
Statistics (STAT)	571	Statistical Methods	Leon, R.	3
Statistics (STAT)	538	Statistics for Research II	Schmidhammer, J.	3
Sociology (SOCL)	462	Population	Bohon, S.	3