

# EPIDEMIOLOGY, DOCTOR OF PHILOSOPHY

For additional course work in Epidemiology, see Medicine & Epidemiology (VME), Preventive Veterinary Medicine (MPM), Population Health & Reproduction (PHR), Public Health Sciences (SPH), and Statistics (STA).

## Graduate Studies

## Total Units

**42.5-44.5**

## Graduate Study

The Graduate Group in Epidemiology offers programs of study and research leading to M.S. and Ph.D. degrees. Areas of interest include environmental/occupational epidemiology; infectious disease epidemiology; zoonotic & vector-borne diseases; epidemiologic methods & biostatistics; health services & health economics; nutritional epidemiology; reproductive, perinatal, developmental & pediatric epidemiology; wildlife epidemiology; social & behavioral epidemiology; and cancer epidemiology. For detailed information regarding the program, address the chairperson of the group or see the website.

## Graduate Advisors

Christopher Barker, (Population Health & Reproduction), Beatriz Martinez Lopez (Medicine & Epidemiology), Lihong Qi (Public Health Sciences)

## Required Courses

Code	Title	Units
<b>Prerequisite Courses</b>		
Prerequisites may be taken concurrently with required courses below.		
Choose a series:		6-8
MAT 016A & MAT 016B	Short Calculus and Short Calculus	
MAT 021A & MAT 021B	Calculus and Calculus	
<i>Statistics</i>		
STA 106	Applied Statistical Methods: Analysis of Variance	4
STA 108	Applied Statistical Methods: Regression Analysis	4
Prerequisite Courses Subtotal		14-16
<b>Required Courses</b>		
EPI 202	Quantitative Epidemiology I: Probability	5
EPI 203	Quantitative Epidemiology II: Statistical Inference	4
EPI 204	Quantitative Epidemiology III: Statistical Models	4
EPI/MPM 205	Principles of Epidemiology	4
EPI/MPM 206	Epidemiologic Study Design	4
EPI/SPH 207	Advanced Epidemiologic Methodology	4
EPI 208	Analysis & Interpretation of Epidemiologic Data	3
EPI 290	Seminars in Epidemiology	0.5
Required Courses Subtotal		28.5
<b>Related Courses</b>		