

EPIDEMIOLOGY (PHD)

In this program, you'll gain advanced skills in analytical methods, biostatistics, and field research methods. In addition, you'll learn about grant writing and research ethics and have the opportunity to select a minor course of study. Our department has a strong base of funded research projects providing students with many opportunities for research support and data for dissertation projects. Our faculty (<https://coloradosph.cuanschutz.edu/education/departments/epidemiology/directory/>) are studying everything from food safety, to diabetes, to gene-environment interactions, which means you can find the mentor who's right for you.

In this program, you'll take courses in epidemiology, biostatistics, research methods, analytical methods, and research ethics. You'll also complete a dissertation based on work completed under the supervision of one of our world-class researchers.

Curriculum

Code	Title	Hours
Required Epidemiology Courses (6 credits)		
EPID 7631	Advanced Epidemiology 1	3
EPID 7632	Advanced Epidemiology 2	3
Required Biostatistics Courses (6 credits)		
BIOS 6611	Biostatistical Methods I	3
BIOS 6612	Biostatistical Methods II	3
Required Research Methods Courses (13 credits)		
EPID 7605	Research Methods with Secondary Data Sources	3
EPID 7911	Epidemiologic Field Methods (3 credits)	1-4
EPID 7912	Developing a Research Grant	3
4 credits of advanced analytic coursework in biostatistics or epidemiologic methods from the ColoradoSPH		4
Required Ethics Course (1 credit)		
CLSC 7150	Ethics and Responsible Conduct of Research	1
Required Public Health Courses (6 credits)		
PUBH 6600	Foundations in Public Health	2
EHOH 6601	Public Health Concepts for Non-MPH	1
EPID 6630	Epidemiology	3
Biomedical Sciences Electives (6 credits)		6
Electives (6 credits)		6
Dissertation (30 credits)		
EPID 8990	Doctoral Thesis	1-10
Total Hours		74