



Undergraduate Epidemiology Minor

College of Public Health
Office of Academic Programs and Student Services
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Overview

The 15 credit hour undergraduate minor in *Epidemiology* focuses on epidemiologic methods and two important content areas of the field: chronic disease epidemiology and infectious disease epidemiology. The minor in Epidemiology will augment and enhance many different undergraduate bachelor degree programs and expands learners' knowledge and comprehension of issues affecting humans domestically and internationally.

Competencies

Upon successful completion of the undergraduate minor in *Epidemiology*, students will be better prepared to:

- Apply the fundamental principles of biostatistics and epidemiology to domestic and international population issues.
- Develop quantitative awareness of the multiple-scale, and multiple interactions that characterize public health problems.
- Summarize major factors that contribute to human disease and compromised quality of life.
- Analyze and interpret fundamental statistical and epidemiological data.
- Summarize intervention and disease prevention strategies to sustain and improve quality of life.

Requirements

PUBHEPI 2410 Epidemiology in Public Health(3)

PUBHBIO 2210 or 2210H Biostatistics for Public Health Research (3)

Choose **one** of the following *infectious disease* epidemiology courses:

- PUBHEPI 5411 Outbreak Investigation
- PUBHEPI 5412 Global Epidemiology of Infectious Disease (3)

Choose **one** of the following *chronic disease* epidemiology courses:

- PUBHEPI 5438 Cardiovascular Disease Epidemiology (3)
- PUBHEPI 4410 Social Epidemiology (3)

Requirements (cont'd)

Elective: An upper division course (3 credits) Epidemiology course. Students can choose from the infectious disease or chronic disease epidemiology courses listed. Students who choose to take an alternative epidemiology course should consult with an undergraduate advisor in the College of Public Health to determine approved course.

Prerequisite

One introductory course in statistics (STAT 1350 or 1450 or equivalent) must be taken before or concurrent with the required course in biostatistics.

Epidemiology minor program guidelines

Required for graduation No

Credit hours required 15

Transfer credit hours allowed No more than one half of the credit hours required on the minor

Overlap with the GE No more than 6 credit hours can overlap between the GE and a minor

Overlap with the major and additional minor(s) The minor must be in a different subject than the major.

Each minor completed must contain a minimum of 12 hours distinct from the major and/or additional minors

Grades required

- Minimum of a C- for a course to be listed on the minor
- Minimum 2.00 cumulative point-hour ratio (GPA) required for the minor
- Course work taken Pass/Non-Pass cannot count on the minor
- No more than 3 credit hours of courses graded S/U may count toward the minor

Declaring the minor To declare the minor, students should send an email to cph@osu.edu with the subject line "Declare Epidemiology Minor". Appointments with a Public Health advisor are not needed to declare the minor