

The Ohio State University
College of Public Health

Epidemiology Minor (EPDMLGY-MN)

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 Intro to Epidemiology (3)

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

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

- PUBHEPI 5411 Outbreak Investigation (3)
- PUBHEPI 5412 Infectious Diseases in the Developing World (3)

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

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

Required 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

The following guidelines govern this minor.

Required for graduation No

Credit hours required A minimum of 15. 1000 level courses shall not be counted in the minor. At least 6 credits must be at the 3000 level or above.

Transfer and EM credit hours allowed A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

Overlap with the GE A student is permitted to overlap up to 6 credit hours between the GE and the minor.

Overlap with the major and additional minor(s)

- The minor must be in a different subject than the major.
- The minor must contain a minimum of 12 hours distinct from the major and/or additional minor(s).

Grades required

- Minimum C- for a course to be listed on the minor.
- Minimum 2.00 cumulative point-hour ratio required for the minor.
- Course work graded Pass/Non-Pass cannot count on the minor.
- No more than 3 credit hours of coursework graded Satisfactory/Unsatisfactory may count toward the minor.

Approval required

Students who wish to declare the minor are required to email cph@cph.osu.edu with the subject line "Declare Epidemiology minor. An academic advisor in the College will then complete a minor program form and email it to the student and copy the student's academic advisor. The academic advisor can then declare the minor.

Declaring the minor The minor should be declared as soon as possible. However, it must be declared by the time of applying for graduation. Call 614-292-8350 to schedule an appointment to complete the minor form.

