

Undergraduate Minor in Epidemiology

College of Public Health
Office of Academic Programs and Student Services
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<http://cph.osu.edu/>

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 Introduction to Epidemiology (3)
- PUBHBIO Biostatistics 2210 or 2210H Biostatistics for Public Health Research (3)
- Select one infectious disease epidemiology course:
PUBHEPI 5411 Outbreak Investigation (3)
or
PUBHEPI 5412 Infectious Diseases in the Developing World (3)
- Select one chronic disease epidemiology course:
PUBHEPI 5438 Cardiovascular Disease Epi (3)
or
PUBHEPI 4410 Social Epidemiology (3)
- Required Elective
An upper division Epidemiology course (3)

Required Elective Options:

Students can choose from PUBHEPI 4432: Injury: A Public Health Problem, or select one of the infectious disease or chronic disease courses. Students who wish to take an alternative course must 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

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.

Changing the minor

Once the minor program is filed in the college office, any changes must be approved by the academic unit offering 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.