

# EPIDEMIOLOGY, M.P.H./B.A. OR B.S. COMMUNITY AND POPULATION HEALTH

## About

The accelerated Community Health/Epidemiology programs are structured so that 24 credit hours of graduate-level coursework at the Hudson College of Public Health (HCOPH) can also be applied to the Bachelor's degree in Community Health. These two programs permit students entering the University as freshmen to earn both a Bachelor of Arts or Bachelor of Science degree in Community Health and a Master of Public Health degree in Epidemiology within five years. This time period is one or more years shorter than the timeframe normally required to complete both degrees.

During the first two years, the students will take undergraduate courses on the Norman campus to fulfill certain General Education requirements for the Bachelor's degrees and to also take introductory courses in Community Health (including PHCH 2013 Introduction to Public and Community Health).

In the third year of study, students will begin taking core MPH courses at the Hudson College of Public Health. Approximately two years of the program (ex: years 3 and 4) will be spent between the Norman and Health Sciences Center campuses where the student will take specialized graduate-level courses involving methods and applications of data analysis, principles of epidemiology, and public health issues, while also completing remaining undergraduate courses in Norman. The fifth year of the program is spent on the Health Sciences Center campus. An Integrated Learning Experience Paper and Applied Practice Experience will culminate the student's knowledge and skillset into the public health workforce.

Students in the Accelerated programs will be jointly advised by both Norman and Health Sciences Center advisors. These programs will prepare students for a career in health agencies, medical institutions, consultation in the field of public health, and epidemiological research. Students may seek to continue their studies at the Health Sciences Center by applying for admission to the Doctor of Philosophy program in Epidemiology.

## Awarding of Dual / Accelerated Degrees

The Community Health degree and the MPH degree will be awarded simultaneously after the completion of all requirements.

## Cost

It is the student's responsibility to ensure they are enrolled in the prescribed courses and to pay tuition and fees at the time designated by the Bursar's Office. Details regarding tuition/fee charges and collection are available from the Bursar's Office.

## Admission

Students must be current OU undergraduate students with a GPA of 3.0 and have completed at least 30 credit hours in order to apply for this program. Students must also complete at least one of the following courses (PHCH 2013 Introduction to Public and Community Health, PHCH 3213 Health Policy, Law, and Ethics., or PHCH 3413 Health Communication) prior to admission to an accelerated MPH degree

program. Students who have been granted admission to an accelerated MPH degree program may begin taking the graduate-level coursework at the HCOPH.

Students may contact the OU academic advisor for Public and Community Health Programs, (Natalie Dickson, ndickson@ou.edu) and/or the OU HCOPH Student Services Team (HCOPH@ouhsc.edu) for details on how to prepare and apply for any of OU's accelerated MPH degree programs.

All students, regardless of admission status, are required to maintain a GPA of 3.00 or greater in all coursework completed.

## Epidemiology, M.P.H./B.A. Community and Population Health

Code	Title	Hours
<b>Core Courses (16 credit hours)</b>		
BSE 5163	Biostatistical Methods I	3
BSE 5113	Principles of Epidemiology	3
HPS 5213	Social and Behavioral Sciences in Public Health	3
OEH 5013	Environmental Health *	3
HAP 5453	U.S. Health Care Systems	3
HPS 5211	Qualitative Methods in Public Health	1
<b>Required Courses (18 credit hours)</b>		
BSE 5001	Problems in Biostatistics and Epidemiology	1
BSE 5013	Application of Microcomputers to Data Analysis	3
BSE 5193	Intermediate Epidemiologic Methods	3
BSE 5303	Epidemiology of Infectious Disease	3
BSE 5363	Epidemiology and Prevention of Chronic Diseases *	3
CPH 7003	Integrated Public Health Practice and Preparedness	3
CPH 7941	Practicum Preparation Seminar	1
CPH 7950	Public Health Practicum	1-2
<b>Elective Courses (15 credit hours)</b>		
Applied Biostatistics courses numbered above 5163 - 6 credit hours		
Other Electives – BSE courses only - 6 credit hours		
Approved Major Elective – 3 credit hours		
<b>Undergraduate Major Courses (10 credit hours)</b>		
B AD 1001	Personal Computing Productivity Tools	1
PHCH 2013	Introduction to Public and Community Health	3
PHCH 3113	Introduction to Epidemiology *	3
PHCH 3413	Health Communication	3
PHCH 3513	Public Healthcare Systems *	3
PHCH 3613	Determinants of Health *	3
PHCH 4013	Community Health Capstone *	3
<b>Additional Degree Requirements</b>		
Computer Literacy		
Basic knowledge of the biomedical sciences		
Certified in Public Health Examination		
Culminating Experience		
Interprofessional Education Requirement		

\* These courses, along with BSE 5363, are the 24 hours shared between the Graduate and Undergraduate degrees. BSE 5363 applies to the undergraduate degree as an upper-division free elective course.

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BSE 5163	Biostatistical Methods I	3
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HPS 5213	Social and Behavioral Sciences in Public Health	3
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<b>Required Courses (18 credit hours)</b>		
BSE 5001	Problems in Biostatistics and Epidemiology	1
BSE 5013	Application of Microcomputers to Data Analysis	3
BSE 5193	Intermediate Epidemiologic Methods	3
BSE 5303	Epidemiology of Infectious Disease	3
BSE 5363	Epidemiology and Prevention of Chronic Diseases *	3
CPH 7003	Integrated Public Health Practice and Preparedness	3
CPH 7941	Practicum Preparation Seminar	1
CPH 7950	Public Health Practicum	1-2
<b>Elective Courses (12 credit hours)</b>		
Applied Biostatistics courses numbered above 5163 - 6 credit hours		
Other Electives – BSE courses only - 6 credit hours		
Approved Major Elective – 3 credit hours		
<b>Undergraduate Major Courses (9 credit hours)</b>		
PHCH 2013	Introduction to Public and Community Health	3
PHCH 3113	Introduction to Epidemiology *	3
PHCH 3413	Health Communication	3
PHCH 3513	Public Healthcare Systems *	3
PHCH 3613	Determinants of Health *	3
PHCH 4013	Community Health Capstone *	3
<b>Additional Degree Requirements</b>		
Computer Literacy		
Basic knowledge of the biomedical sciences		
Certified in Public Health Examination		
Culminating Experience		
Interprofessional Education Requirement		

\* These courses, along with BSE 5363, are the 24 hours shared between the Graduate and Undergraduate degrees. BSE 5363 applies to the undergraduate degree as an upper-division free elective course.

### Prerequisites - B.A. Option

Code	Title	Hours
<b>CORE AREA I: SYMBOLIC AND ORAL COMMUNICATION (22 hours)</b>		
ENGL 1113	Principles Of English Composition	3
ENGL 1213	Principles Of English Composition	3

or EXPO 1213 Expository Writing

Language: This requirement can be satisfied by successfully completing two semesters of the same language at the college level in addition to one intermediate (2000 level) course (13 hours)

MATH 1743 Calculus I For Business, Life And Social Sciences 3  
or MATH 1823 Calculus And Analytic Geometry I

### CORE AREA II: NATURAL SCIENCE (6-8 hours, including one lab)

Biological Science: Choose an approved General Education Natural Science course with one of the following prefixes: BIOL, HES, MBIO, or PBIO (3-4 hours)

Physical Science: Choose an approved General Education Natural Science course with one of the following prefixes: AGSC, ASTR, CHEM, GEOG, GEOL, GPHY, METR, or PHYS (3-4 hours)

### CORE AREA III: SOCIAL SCIENCE (6 hours)

P SC 1113 American Federal Government 3

Social Science: Choose one course from the General Education Social Science list (3 hours)

### CORE AREA IV: ARTS AND HUMANITIES (18 hours)

Artistic Forms: Choose one from the General Education Artistic Forms List (3 hours)

HIST 1483 United States, 1492 To 1865 3  
or HIST 1493 United States, 1865 To The Present

Western Culture: Choose one course from the General Education Western Culture list (3 hours)

World Culture: Choose one course from the General Education World Culture list (3 hours)

Upper Division: Choose two courses from Artistic Forms, Western Culture, or World Culture (6 hours)

### CORE AREA V: FIRST YEAR EXPERIENCE (3 hours)

First Year Experience: Choose one course from the First Year Experience list (3 hours)

### FREE ELECTIVES (Minimum 24 hours)

Electives to bring total applicable hours to the minimum total required for the degree including 48 upper-division hours. BSE 5013 Applications of Microcomputers to Data Analysis, substituting for 3 hours of upper-division free elective.

## Prerequisites - B.S. Option

Code	Title	Hours
<b>CORE AREA I: SYMBOLIC AND ORAL COMMUNICATION (22 hours)</b>		
ENGL 1113	Principles Of English Composition	3
ENGL 1213	Principles Of English Composition	3
or EXPO 1213 Expository Writing		
Language: This requirement can be satisfied by successfully completing two semesters of the same language at the college level in addition to one intermediate (2000 level) course (13 hours)		
MATH 1743	Calculus I For Business, Life And Social Sciences	3
or MATH 1823 Calculus And Analytic Geometry I		
<b>CORE AREA II: NATURAL SCIENCE (26 hours)</b>		
BIOL 1124	Intro Biol: Molecule/Cell/Phys	4
BIOL 1134	Evolution/Ecology/Diversity	4
CHEM 1315	General Chemistry	5
CHEM 1415	General Chemistry (Continued)	5
CHEM 3053	Organic Chemistry I: Biological Emphasis	3

CHEM 3152	Organic Chemistry Laboratory: Biological Emphasis	2
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CHEM 3153	Organic Chemistry II: Biological Emphasis	3
or CHEM 3653	Introduction To Biochemistry	

**CORE AREA III: SOCIAL SCIENCE (6 hours)**

P SC 1113	American Federal Government	3
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Social Science: Choose one course from the General Education Social Science list (3 hours)

**CORE AREA IV: ARTS AND HUMANITIES (18 hours)**

Artistic Forms: Choose one from the General Education Artistic Forms List (3 hours)

HIST 1483	United States, 1492 To 1865	3
or HIST 1493	United States, 1865 To The Present	

Western Culture: Choose one course from the General Education Western Culture list (3 hours)

World Culture: Choose one course from the General Education World Culture list (3 hours)

Upper Division: Choose two courses from Artistic Forms, Western Culture, or World Culture (6 hours)

**CORE AREA V: FIRST YEAR EXPERIENCE (3 hours)**

First Year Experience: Choose one course from the First Year Experience list (3 hours)

**FREE ELECTIVES (Minimum 12 hours)**

FREE ELECTIVES (Minimum 12 hours)