

# **Master of Public Health Student Program Manual**

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## Executive Summary

The Master of Public Health Program (MPH) in the Department of Public Health (DPH), at the Brody School of Medicine (BSOM), East Carolina University (ECU), is accredited by the Council on Education for Public Health (CEPH). This program manual is intended for use by students as they consider application for admission, selection of curriculum, and completion of requirements for the Master of Public Health (MPH) degree. This degree requires 45 semester hours (SH), of which 24 are core courses, 15 concentration/elective hours, three semester hours of internship and three semester hours for professional paper.

Face-to-face classes are offered once per week for three hours in the late afternoon or evenings. The program is available online effective Fall 2019.

Additional program information is available in the program page at <http://www.ecu.edu/publichealth>

This manual is also a compilation of philosophy, policies, and procedures of the MPH Program. This manual supplements policies, procedures, and requirements of the ECU Graduate School.

Applications to this program must be submitted through the ECU Graduate School. Although this manual contains the most pertinent information, students need to be familiar with the ECU Graduate School Catalog because in case of conflict, policies of the ECU Graduate School take precedence over policies in this manual.

The ECU Public Health, MPH Graduate School Catalog is available [here](#).

Students adhere to the version of the catalog in effect at the time of matriculation. The DPH reserves the right to add, delete, or modify all provisions in this manual.

## 1.0 Background

### 1.1 About the MPH program.

The MPH program at ECU is housed in the Department of Public Health in the Brody School of Medicine. The impetus for establishing the program was based on the eastern North Carolina's (ENC) poor health indicators. ENC health indicators rank lower compared to western and Piedmont counties as well as other US cities. **ENC counties** are predominantly rural and disproportionately socioeconomically disadvantaged compared to other regions.

The goal of the MPH program is to contribute to improving the health status of the region's population. We actively promote community engagement, community service, and active learning to promote and improve community health. The program incorporates practice-based teaching, competency-based learning, and evidence-based principles.

Core knowledge areas include epidemiology, health services administration, ethics and law, health behavior and health education, biostatistics, rural health, and environmental health. An internship in any of these settings is required, and the faculty help match students with their interests. We encourage interdisciplinary relationships and research with the School of Medicine, School of Dental Medicine, College of Nursing, College of Allied Health, and other university programs.

All MPH courses are offered online and most face-to-face courses are offered one session per week for three hours, typically, after 3pm. Students can progress through the program either on a part- or full-time basis. Faculty members work with each student individually to tailor their educational path for their career goals. With the Brody School of Medicine, we also offer a dual MD/MPH program.

Historically, our program was founded for NC residents with a principal focus on training a workforce for local and state public health agencies, hospitals and other health and human service providers in North Carolina. While that focus remains our primary objective, careers in public health require greater skills using technology, quantitative skills to analyze data, and understanding of the complex delivery of healthcare, so our program provides curriculum in these areas.

We offer three concentrations: epidemiology, health policy administration & leadership, and community health & health behavior.

Our program received accreditation by the Council on Education for Public Health (CEPH) in 2012 and is currently accredited through 2019. [CEPH](#) is an organization which accredits independent public health programs and schools of public health, as recognized by the U.S. Department of Education.

The Chair of the Department of Public Health and MPH Program Director is **Dr. Ronny Bell**. [Faculty members](#) have a variety of specialties and expertise in environmental health, epidemiology, health administration, and health behavior and promotion.

## 1.2 What is Public Health?

Public health is the science of protecting and improving the health of families and communities through promotion of healthy lifestyles, research for disease and injury prevention and detection and control of infectious diseases.

Overall, public health is concerned with protecting the health of entire populations. These populations can be as small as a local neighborhood, or as big as an entire country or region of the world.

Public health professionals try to prevent problems from happening or recurring through implementing educational programs, recommending policies, administering services and conducting research – in contrast to clinical professionals, such as physicians, who focus primarily on treating individuals after they become sick or injured. Public health also works to limit health disparities. A large part of public health is promoting healthcare equity, quality and accessibility.

Permission given to use the Centers for Disease Control and Prevention's definition. Reference: Centers for Disease Control and Prevention. [What is Public Health?](#) Accessed July 31, 2018.

### 1.3 What are Career Opportunities in Public Health?

Careers in public health are vast and many. Careers vary by concentration. For example:

#### **Epidemiology (MPH-level)**

- Health registry personnel
- Data analyst
- Field epidemiology – Disease investigators
- Research assistants for organizations that conduct clinical research
- SAS programming
- Environmental health

#### [Epidemiology Employment Outlook](#)

#### **Health Policy Administration & Leadership (MPH-level)**

- Public health directors
- Hospital/clinic administrators
- Long-term care facility administrators

#### [Health Policy Administration & Leadership Outlook](#)

#### **Community Health & Health Behavior (MPH-level)**

- Educators within a hospital, clinic, health department
- Program administration
- Private, public, and government sector health educators
- Assessment of public health programs

#### [Community Health & Health Behavior Outlook](#)

**Professionals already employed in various disciplines can enhance their training by obtaining a MPH degree or a public health certificate.**

Health care workers and including but not limited to, nurses, medical doctors, dentists, veterinarians, nutritionists, social workers, psychologists, mental health and substance abuse counselors, pharmacists, physician assistants, and physical therapists may all benefit from having a MPH degree or even a public health certificate. Non-health care professionals also seek MPH degrees, including, but not limited to, environmental engineers, occupational/safety specialists, law enforcement, and public health lawyers.

### 1.4 About Brody School of Medicine and East Carolina University

In 1974, the General Assembly of North Carolina appropriated the funds to establish a four-year medical school at ECU to increase the supply of primary care physicians to serve the state, to improve health status of citizens in ENC, and to enhance the access of minority and disadvantaged students to a medical education. Physician faculty serve as adjunct faculty members in DPH. The [BSOM](#) is nationally recognized for success in pursuit of its mission.

## 2.0 Description of the MPH Program

### 2.1 Mission

The mission of the MPH program is to educate, conduct research, provide service, and advocate for improved health of communities emphasizing rural and disadvantaged regions.

The MPH program attains its mission by reaching the following goals:

1. Provide an educational program for current and future public health professionals responsive to meeting needs in a changing environment, including skills to work in rural and disadvantaged communities.
2. Educate individuals to apply a collaborative approach of evidence-based prevention to address public health issues and manage programs in various settings.
3. Increase the quality and quantity of funded public health-related research, including translational research projects that address established regional priorities.
4. Advance the health of communities, particularly in ENC, through community engagement, leadership, advocacy and collaborative efforts with public health agencies and other entities.

### 2.2 Graduate School Admission

For details about admission into the ECU Graduate School go [here](#).

The university seeks to admit graduate students who show evidence of being able to succeed in and benefit from academic programs of the rigor offered. To qualify for admission to a graduate degree or certificate program (or as non-degree), an applicant must have a baccalaureate degree from a regionally accredited four-year institution. Admissions decisions are based on consideration of undergraduate academic record, graduate record if applicable, admission test scores, written statement of purpose, and letters of recommendation.

Each individual graduate program decides on the admissibility of its students, although Graduate School regulations govern the criteria for the classification of graduate student status. Applicants who are offered admission to the Graduate School may be admitted under the following statuses.

#### 2.2.1 Regular Admission

Regular admission indicates that the applicant has met all requirements identified by both the graduate program and the Graduate School.

#### 2.2.2 Admission by Exception

Some programs may recommend admission by exception for a limited number of applicants who do not qualify academically for regular admission, but have other offsetting strengths. Admission by exception requires the student to earn

a minimum 3.0 GPA in the first nine or more completed hours to remain in the program. A hold is placed on the student's registration for the subsequent term until grades are posted and can be evaluated by the Graduate School. Students admitted by exception can attain full graduate standing after completion of nine or more graduate credit hours with a minimum GPA of 3.0.

### **2.2.3 Provisional Admission**

Applicants also may be admitted under provisional admission status. This designation indicates that one or more required final documents has not been received by the Graduate School at time of admission. Please see the ECU graduate school website for details.

Applicants who are uncertain about the strength of their application or the documents required for admission are advised to consult with the MPH program director about their admissibility. Early contact with the university can be helpful in preparing the application and providing all required information.

## **2.3 Detailed Application Requirements**

This section is adapted from the ECU Graduate School.

1. All applicants are required to submit a completed online application with a nonrefundable application fee ([www.ecu.edu/gradschool/](http://www.ecu.edu/gradschool/)).
2. Official score reports are required from a standardized graduate admission exam and must be sent directly to the Graduate School from the testing agencies.
  - a. Some exemptions are available, see "Admission Examination Details", below.
  - b. ECU's GRE code is 5180.
  - c. The university will accept examinations taken within the past five years; however, individual programs may have more specific time requirements.
3. Official transcripts are required for any earned post-secondary degrees and all post-secondary course work completed within five years of the date of graduate application. Additional transcripts are required for transfer credits in excess of 50% of the credits required for a post-secondary degree (such as general education credits from a Community College). Post-secondary degrees and course work includes all educational work completed at the bachelor's level or higher. An ECU undergraduate can request the transcript be included with the application to the MPH program.
4. Official transcripts are required from all foreign institutions attended.
5. Three letters of reference should be sent from persons who can attest to the applicant's academic competency or ability to do graduate work.

6. A completed Statement of Purpose essay (500 words or less).

Applications are submitted through the ECU Graduate School – NOT the medical school. Applications are first reviewed by the graduate school followed by the MPH program admissions committee.

### **2.3.1 Admission Examination Details**

The GRE or MCAT are required with the MPH application. The application will not be processed through the Graduate School if the GRE is missing, so an admission decision may be delayed.

### **2.3.2 Exceptions to the Admission Examination Requirement**

Exam scores are not required for;

- A. certificate programs offered by DPH
- B. non-degree applications
- C. students seeking admission under the professional admission policy (see below, link).

### **2.3.3 Professional Admission Policy**

Applicants whose undergraduate degree is approximately five—seven years old and/or have extensive professional experience related to the intended program of study may be eligible to seek admission through the professional admissions policy upon recommendation of the program director. Interested applicants should consult with Dr. Ronny Bell, MPH program director.

### **2.3.4 Admission to Certificate Programs**

Students apply separately to the certificate programs. The Department of Public Health offers a five-course Certificate in Public Health Foundations & Practice ([PHFP](#)) and a four-course Certificate in Ethnic & Rural Health Disparities ([ERHD](#)).

### **2.3.5 Non-degree Applicants**

1. Non-degree admission is an enrollment category in which the student is not accepted into a specific degree or certificate program but is approved to take courses that have no catalog restrictions. It may be used by students matriculated at another institution who wish to enroll as visiting students, individuals wanting to take courses for personal/professional enrichment, and individuals wanting to take prerequisite course work for later application to the MPH degree program.
2. To apply for non-degree enrollment, prospective students must submit an online non-degree graduate application at [www.ecu.edu/gradschool/](http://www.ecu.edu/gradschool/). An official transcript or other document showing an earned bachelor's degree or higher from a regionally accredited institution is required. A nonrefundable application fee is required.
3. A maximum of nine semester hours of course work taken as a non-degree student may apply towards the MPH program if accepted into the program.
4. Requests for degree credit for courses completed as a non-degree student are considered after admission into the MPH program. All non-degree course work accepted for degree credit must be approved by Dr. Ronny Bell, Chair and the Dean of the Graduate School.
5. Course work taken as a non-degree student carries with it no implication that the student will be admitted into the MPH program.

6. Non-degree students are expected to familiarize themselves with Graduate School policies and to seek further advice or clarification.

### 2.3.6 Withdrawal

When a graduate student drops all university courses in a semester in which he or she is enrolled, the student must officially withdraw from the university. Students seeking to withdraw for reasons other than extenuating circumstances must notify the Office of Registrar of their official withdrawal (REGIS@ecu.edu). A graduate student withdrawing from the university by the last day for graduate students to drop courses without grades will not receive grades in university courses for the semester.

A graduate student withdrawing after the last day for graduate students to drop courses without grades will receive a grade of F for all university classes which he or she is failing at the time. The last day for a graduate student to drop a class without grades will be 5:00 PM on the class day after 60% of the class days are completed for the term. No retroactive withdrawals will be granted after classes have ended for the semester in which the student was enrolled.

Students withdrawing for extenuating circumstances must apply for an extenuating circumstances withdrawal to the [Office of the Dean of Students](#). No retroactive extenuating circumstances withdrawals will be granted after classes have ended for the semester in which the student was enrolled, except in the case of extraordinary medical, personal or family emergency, in the judgment of the Dean of the Graduate School.

## 2.4 Administration and Organization

The MPH degree program is administered by the Department of Public Health within the Brody School of Medicine. Dr. Ronny Bell, Department Chair, is responsible for department functions and all degrees/certificates offered by the department. You can see a list of DPH Faculty [here](#).

## 3.0 Curriculum

**3.1 Areas of Concentration and Concentration Program Plans.** Students select an area of concentration prior to matriculation.

- Epidemiology (EPI)
- Health Policy Administration & Leadership (HPAL)
- Community Health & Health Behavior (CHHB)

Concentration areas represent distinct specific areas of study that prepare students for career paths in each discipline. Each course is instructed by faculty with expertise in their content area.

Students may enroll in other concentration courses as electives. **Exhibit 1** shows public health competencies by concentration.

**Exhibit 1** Public Health Competencies by Concentration

<b>Epidemiology Concentration Competencies</b> <ol style="list-style-type: none"> <li>1. Critically evaluate public health literature through application of fundamental principles and methods of epidemiology.</li> <li>2. Identify and implement appropriate study design, recruitment, data collection, and analyses methods to address and identify public health problems.</li> <li>3. Identify and apply statistical methods to calculate appropriate epidemiologic measures of association, including identification of confounders and effect modifiers and their use in multivariable analyses.</li> <li>4. Perform data management, analyses, visualization, and report generation of existing public health data using SAS to inform public health decisions.</li> <li>5. Explain epidemiologic results in terms of magnitude, precision, validity, and limitations and identify their relevance to public health guidance.</li> </ol>	<b>Courses</b> MPH 6702  MPH 6702 BIOS 7022 MPH 7202 MPH 6702
<b>Health Policy, Administration &amp; Leadership Concentration Competencies</b> <ol style="list-style-type: none"> <li>1. Address inequities in the prevalence of chronic diseases in rural and minority populations using systems thinking approaches.</li> <li>2. Examine and interpret the impact of health care costs, access, and quality policies on disadvantaged populations.</li> <li>3. Cultivate leadership skills in strategic planning/management with a focus on reducing disparities in disadvantaged populations.</li> <li>4. Perform financial analyses.</li> <li>5. Develop and apply human resources management skills inclusive of diversity and disadvantaged populations.</li> </ol>	MPH 6800, MPH 6700 MPH 6800, MPH 6700 MPH 6810 MPH 6810, MPH 7010 MPH 7010
<b>Community Health &amp; Health Behavior Concentration Competencies</b> <ol style="list-style-type: none"> <li>1. Design a logic model to guide intervention development and data collection for program evaluation.</li> <li>2. Develop an evaluation plan for health for promotion and disease prevention interventions that address multiple levels of the socioecological framework.</li> <li>3. Apply qualitative and quantitative data analyses to assess programming needs, evaluation, or public health issues.</li> <li>4. Formulate a collaborative plan with a community partner to achieve common public health goals.</li> <li>5. Design a public health project that includes a detailed itemized budget, timeline, and staff training for data collection.</li> </ol>	MPH 6605 MPH 6605 MPH 6027 MPH 6605 MPH 6600

**3.2 Core Curriculum and Courses Offered in Other Departments**

Forty-five (45) semester hours (SH) are required for the MPH degree. As presented in **Exhibit 2a**, each concentration requires 24 core hours, 15 concentration/elective hours, and three hours for field placement and three hours for professional paper.



**Exhibit 2a.** Summary of Course Requirements by Concentration and Semester Hours (SH)

Course Requirements	Concentration		
	Epidemiology	Health Policy Administration & Leadership	Community Health & Health Behavior
<b>Core Courses</b>	<b>8 (24 SH)</b>	<b>8 (24 SH)</b>	<b>8 (24 SH)</b>
<b>Concentration-specific core courses</b>	<b>2 (6 SH)</b>	<b>3 (9 SH)</b>	<b>3 (9 SH)</b>
<b>Electives</b>	<b>3 (9 SH)</b>	<b>2 (6 SH)</b>	<b>2 (6 SH)</b>
<b>Capstone courses and Internship</b>	<b>4 (6 SH)</b>	<b>4 (6 SH)</b>	<b>4 (6 SH)</b>
<b>Total SH for MPH</b>	<b>17 (45 SH)</b>	<b>17 (45 SH)</b>	<b>17 (45 SH)</b>

**Exhibit 2b** describes the core courses, the current format availability (online or in-class) followed by the course descriptions.

**Exhibit 2b.** Core Courses by Concentration and Delivery Format (24 SH)

Core Course	Semester Hours	Course Name	Course Format	
			On-line	In-class
<b>All</b>				
<b>BIOS 7021</b>	<b>3</b>	<b>Biostatistics for Health Professionals I</b>	✓	✓
<b>MPH 6000</b>	<b>3</b>	<b>Public Health Practice</b>	✓	✓
<b>MPH 6002</b>	<b>3</b>	<b>Ethics and Health Law</b>	✓	✓
<b>MPH 6010</b>	<b>3</b>	<b>Fundamentals of Environment Health</b>	✓	✓
<b>MPH 6011</b>	<b>3</b>	<b>Introduction to Epidemiology</b>	✓	✓
<b>MPH 6013</b>	<b>3</b>	<b>Behavioral Sciences and Health Education</b>	✓	
<b>MPH 6035</b>	<b>3</b>	<b>Interdisciplinary Rural Health</b>	✓	✓
<b>EPI</b>				
<b>MPH 6702</b>	<b>3</b>	<b>Epidemiology Methods</b>		✓
<b>HPAL</b>				
<b>MPH 6020</b>	<b>3</b>	<b>Research Methods</b>	✓	✓
<b>CHHB</b>				
<b>MPH 6027</b>	<b>3</b>	<b>Applied Mixed-Methods Research</b>	✓	✓

Consistent with the current CEPH accreditation requirements, five core courses are required; however, our program includes three additional core courses:

**\*BIOS 7021 – Biostatistics for Health Professionals:** Introduction to biostatistics at the graduate level.

**\*MPH 6000 - Public Health Practice:** Foundation for public health administration. Introduces MPH degree program. Applied focus on public health problems, issues, and resources of eastern North Carolina. Describes how empirical assessment of population health status informs managerial decision-making and describes the organization of the public health infrastructure. Overview range of practice in public health and of tools and

resources for health improvement.

**MPH 6002 - Ethics and Law in Public Health.** Core issues and skills for public health administration and practice. Focuses on public health law, ethics, legislation, media relations, human services management, and emergency preparedness.

**\*MPH 6010 - Fundamentals of Environmental Health.** Effects of environment on human health with focus on rural environment. Considers water supply and wastewater disposal, water quality, solid and hazardous wastes, air quality, occupational health and safety, food protection, and vector control.

**\*MPH 6011 - Introduction to Epidemiology.** Introduces methods and concepts of epidemiologic methodology and application of epidemiology in public health.

**\*MPH 6013 - Behavioral Sciences and Health Education.** Introduces concepts of role of social factors in health and illness as well as health education/promotion. Overview of relationships between various social factors, with health outcomes. Includes theories and approaches of health education/promotion programs.

**MPH 6035 - Interdisciplinary Rural Health.** Theoretical base and skills for interdisciplinary rural health practice.

**MPH 6020 - Research Methods.** (*HA and HB*) Synthesize material from social and behavioral sciences, biostatistics, and epidemiology to better understand health problems.

or

**MPH 6027 – Applied Mixed-Methods Research.** Mixed-methods data collection and analysis, with focus on use of qualitative and quantitative software.

or

**MPH 6702 – Epidemiology Methods.** (*EPI*) explores quantitative research methods, principles and techniques necessary for designing and executing epidemiological research.

\*CEPH required core courses

All MPH course descriptions can be found in the ECU Graduate Catalog using this [link](#).

## Core Courses Offered in Other Departments

Biostatistics courses and environmental health are non-MPH courses.

### Biostatistics for Health Professionals I — BIOS 7021

Biostatistics courses are taught through the Department of Biostatistics in the College of Allied Health Sciences under prefix BIOS. College Algebra is a pre-requisite for BIOS 7021, such as ECU Math 1065, College Algebra.

For all BIOS scheduling, students must contact Ms. Rhonda Bode ([boder@ecu.edu](mailto:boder@ecu.edu)), the Biostatistics Student Services Coordinator, to enroll in Biostatistics for Health Professionals I and Biostatistics for Health Professionals II (BIOS 7021 and 7022, respectively). Preferences for an in-class or on-line class will be scheduled on a first-come basis via Ms. Bode.

## Environmental Health – EHST 6010

Fundamentals of Environmental Health is cross-listed with the Master of Science Environmental Health (MSEH) program; however, the prefix of the course is EHST.

### 3.2.1 Epidemiology Concentration

A goal of epidemiology is to understand the frequency, distribution, and causes of disease variation and use this information to design and test interventions to improve the health of populations. Results of epidemiologic studies guide policy development in public health and healthcare. Epidemiology is a quantitative science that blends biological and social sciences to design research and analyze data to solve population health questions.

Careers in epidemiology at the MPH-level require strong functionality with managing and analyzing data. Graduates gain employment assisting with clinical research activities in academic settings and consulting firms. State and local health departments often hire MPH-prepared epidemiologists for program coordination or basic data analysis.

The current coordinator of the Epidemiology Concentration is [Suzanne Lea, PhD, MPH](#).

**Exhibit 3** outlines a typical epidemiology course trajectory for a full-time student intending to complete the program in five semesters. At the time of matriculation, each student should work with their academic advisor to plan their course of study.

**Exhibit 3.** Epidemiology Course Trajectory in five semesters for full-time, fall admission.

Year 1			Year 2	
Fall 1	Spring 1	Summer 1	Fall 2	Spring 2
<b>MPH 6000</b> Public Health Practice	<b>MPH 6002</b> Ethics and Law in Public Health	<b>MPH/EHST 6010</b> Fundamentals of Environmental Health	<b>MPH 6035</b> Interdisciplinary Rural Health	<b>Epidemiology Concentration Course</b>
<b>MPH 6011</b> Introduction to Epidemiology	<b>MPH 6702</b> Epidemiology Methods	<b>MPH 6905</b> Field Placement (Internship)	<b>MPH 7202</b> Public Health Data Analysis	<b>Electives</b>
<b>MPH 6013</b> Behavioral Sciences and Health Education	<b>MPH 6904</b> Introduction to Field Placement		Elective or Epidemiology Concentration Course	<b>MPH 6992</b> Professional Paper II (Capstone)
<b>BIOS 7021</b> Biostatistics for Health Professionals I	<b>BIOS 7022</b> Biostatistics for Health Professionals II		<b>MPH 6991</b> Professional Paper I (Capstone)	

Students are assigned one of the following faculty members to guide academic planning and training. Epidemiology faculty serving as advisors are:

Name	Area of Interest	Email Address
Ronny Bell, PhD, MS	Diabetes, cardiovascular, chronic epidemiology	bellr16@ecu.edu
Greg Keamey, DrPH, MPH, RS	Occupational and environmental epidemiology	keameygg@ecu.edu
Aaron Kipp, MD, MSPH	Infectious Diseases, Retention in Care, Stigma	kippa19@ecu.edu
C. Suzanne Lea, PhD, MPH	Cancer epidemiology, Environmental epidemiology	leac@ecu.edu
Lok Pokhrel, PhD, MS	Nanotoxicology; Nano-Technology Development	pokhrell18@ecu.edu
Sinan Sousan, PhD	Occupational and environmental health	sousans18@ecu.edu

Advising Forms for Epidemiology concentration can be found in **Appendix 5**.

### 3.2.2 Health Policy Administration & Leadership Concentration

Health Policy Administration & Leadership (HPAL) prepares students for management and leadership careers in the health industry. This concentration prepares graduates for a broad range of careers in the health and related organizations including public health, hospitals, health systems, physician group practices, long-term care facilities, consulting firms, insurance companies, pharmaceutical companies and others. HA curriculum includes courses on current economic, social, policy and practice issues in the healthcare system.

HPAL emphasizes the conceptual, analytical, and applied skills required for health administration, policy analysis, management, and leadership careers.

The current coordinator of the Health Policy Administration & Leadership Concentration is [Huabin Luo, PhD](#).

**Exhibit 4** outlines a proposed Health Policy Administration & Leadership course trajectory for a full-time student intending to complete the program in five semesters. At the time of matriculation, each student should work with their academic advisor to plan their course of study.

**Exhibit 4:** Health Policy Administration & Leadership Course Trajectory in five semesters for full-time, fall admission

Year 1			Year 2	
Fall 1	Spring 1	Summer 1	Fall 2	Spring 2
<b>MPH 6000</b> Public Health Practice	<b>MPH 6002</b> Ethics and Law in Public Health	<b>MPH/VEHST 6010</b> Fundamentals of Environmental Health	<b>MPH 6810</b> Strategic & Financial Management of Health Care Organizations	<b>MPH 7010</b> Human Resources Management and Leadership
<b>MPH 6035</b> Interdisciplinary Rural Health	<b>MPH 6020</b> Research Methods	<b>MPH 6005</b> Field Placement (Internship)	<b>MPH 6700</b> Health Economics	<b>MPH 6800</b> Health Policy & Politics
<b>MPH 6013</b> Behavioral Sciences and Health Education	<b>MPH 6904</b> Introduction to Field Placement	<b>MPH 6040</b> Long Term Care Administration	<b>MPH 6991</b> Professional Paper I (Capstone)	<b>MPH 6992</b> Professional Paper II (Capstone)
<b>BIOS 7021</b> Biostatistics for Health Professionals I	<b>MPH 6011</b> Introduction to Epidemiology			

Students are assigned one of the following faculty members to guide academic planning and training. Health Policy Administration & Leadership faculty serving as advisors are:

Name	Area of Interest	Email Address
Rashmita Basu	Economics of aging and long-term care, health policy, health economic evaluations	basur19@ecu.edu
Ruth Little, EdD, MPH	Public health administration, cultural/organizational competency/community engagement	littlena@ecu.edu
Huabin Luo, PhD	Methods, Financial Management	luoh@ecu.edu
Ari Mwachofi, PhD	Health Economics, Health Policy, Research Methods, Health Disparities	mwachofia@ecu.edu

Advising Forms for Health Policy Administration & Leadership concentration can be found in **Appendix 6**.

### 3.2.3 Community Health & Health Behavior Concentration

The Community Health & Health Behavior concentration offers curriculum in theories of behavior change, program planning, program evaluation and mixed methods research. The goal of the Community Health & Health Behavior concentration is to train students to become health promotion professionals, where they may find employment in governmental, not-for-profit and for-profit organizations.

Health promotion professionals conduct community health assessments; plan, conduct, and evaluate health interventions; direct health communication campaigns; build community health coalitions and partnerships; lead quality improvement efforts; and lead research in aspects of community and behavioral health.

The current coordinator of the Community Health & Health Behavior concentration is [Marla Hall, PhD](#). **Exhibit 5** outlines a typical Community Health & Health Behavior course trajectory for a full-time student intending to complete the program in 24 months.

In addition to these courses, the concentration offers several one credit hour distance education courses in vital areas of public health practice that are available to all students and may be “bundled” by Community Health & Health Behavior students to satisfy elective requirements. Offerings typically include: Grant Writing, Social Media and Health Improvement, Quality Improvement, Qualitative Methods Overview, Building Partnerships and Coalitions, Surveys Using Qualtrics, and Community Supported Agriculture.

**Exhibit 5:** Community Health & Health Behavior Course Trajectory in five semesters for full-time, fall admission

Year 1			Year 2	
Fall 1	Spring 1	Summer 1	Fall 2	Spring 2
<b>MPH 6000</b> Public Health Practice	<b>MPH 6002</b> Ethics and Law in Public Health	<b>MPH/EHST 6010</b> Fundamentals of Environmental Health	<b>MPH 6035</b> Interdisciplinary Rural Health	<b>MPH 6702</b> Applied Mixed Methods
<b>MPH 6011</b> Introduction to Epidemiology	<b>MPH 6027</b> Applied Mixed-Methods Research	<b>MPH 6905</b> Field Placement (Internship)	<b>MPH 7201</b> Introduction to Survey Methodology	<b>Elective</b>
<b>MPH 6013</b> Behavioral Sciences and Health Education	<b>MPH 6904</b> Introduction to Field Placement		<b>MPH 6991</b> Professional Paper I (Capstone)	<b>MPH 6992</b> Professional Paper II (Capstone)
<b>MPH 6600</b> Planning Public Health Programs	<b>BIOS 7021</b> ← Biostatistics for Health Professionals I		<b>BIOS 7021</b> → Biostatistics for Health Professionals I	
	<b>MPH 6605</b> Program Evaluation			

Students are assigned one of the following faculty members to guide academic planning and training. Community Health & Health Behavior faculty serving as advisors are:

Name	Area of Interest	Email Address
<b>Maria Hall, PhD</b>	<b>Health disparities, cultural competency, chronic disease and self-management, disease prevention</b>	<b>hallmar14@ecu.edu</b>
<b>Stephanie Jilcott-Pitts, PhD</b>	<b>Environmental and policy statements to prevent obesity</b>	<b>jilcotts@ecu.edu</b>
<b>Ann Rafferty, PhD, MS</b>	<b>Survey methods, nutrition</b>	<b>raffertya@ecu.edu</b>
<b>Nancy Winterbauer, PhD, MS</b>	<b>Engaged scholarship, practice-based research, mixed-methods research, qualitative methods</b>	<b>winterbauem@ecu.edu</b>

Advising Forms for Community Health & Health Behavior concentration can be found in **Appendix 7**.

### 3.3 Other Concentration-Specific Courses and Electives

In addition to concentration-specific courses, students take six credit hours of electives.

Most graduate level university course (6000 or above) approved by the student's academic advisor for which the Instructor grants permission to enroll may be considered. Academic advisors work with students to choose electives that best prepare them for their future in the public health workforce. Students planning to conduct a survey to meet their professional paper (below) or internship requirements or their professional goals are strongly encouraged to take Introduction to Survey Methodology (MPH 7021).

#### Epidemiology

##### **BIOS 7022 - Biostatistics for Health Professionals II (3 SH)**

Topics include ANOVA for multi-factor designs and analysis of single degree of freedom contrasts; randomized block and repeated measures designs; nonparametric methods for standard designs; multiple linear and logistic regression; and chi-square analysis of contingency tables.

**Prerequisites:** Biostatistics for Health Professionals I (BIOS 7021) with a grade of B or better or consent of instructor. Continuation of BIOS 7021.

##### **MPH 6021 - Epidemiology of Chronic Disease (3 SH)**

Epidemiologic measures, statistical methods, and quantitative models specific to chronic disease epidemiology.

**Prerequisites:** Public Health Practice (MPH 6000), Introduction to Epidemiology (MPH 6011), or consent of instructor

##### **MPH 6022 - Epidemiology of Infectious Disease (3 SH)**

Provides concepts involved in understanding causes, transmission, and control of infectious disease as well as policies, methods, and tools employed in surveillance, detection, investigation, control, and prevention of disease outbreaks.

**Prerequisites:** Public Health Practice (MPH 6000), Introduction to Epidemiology (MPH 6011), or consent of instructor

##### **MPH 7200 - Principles of Public Health Surveillance (3 SH)**

Public health surveillance as a fundamental epidemiologic activity applied to infectious and non-infectious conditions affecting human populations.

**Prerequisites:** Biostatistics for Health Professionals I (BIOS 7021), Introduction to Epidemiology (MPH 6011), or consent of instructor

##### **MPH 7202 - Introduction to Public Health Data Analysis (3 SH)**

Basic instruction in public health data analysis using core features of SAS Software.

**Prerequisites:** Biostatistics for Health Professionals I (MPH 7021), Introduction to Epidemiology (MPH 6011), or consent of instructor

## Health Policy Administration & Leadership

### **MPH 6040 - Long Term Care Administration (3 SH)**

Overview of delivery of long term care services with an emphasis on the knowledge and skills needed for effective leadership.

**Prerequisites:** Public Health Practice (MPH 6000), or consent of Instructor

### **MPH 6700 - Health Economics (3 SH)**

Application of economic analysis tools to health decision-making at the individual-level and in health care and public health systems.

**Prerequisites:** ECON 2113 or equivalent.

### **MPH 6800 - Health Policy and Politics (3 SH)**

Examines the health policy formation context as a component of the environment of public health administration and practice and roles of public health and healthcare professionals.

### **MPH 6810 - Strategic and Financial Management of Healthcare Organizations (3 SH)**

Provides a framework for understanding strategic and financial management of healthcare organizations.

### **MPH 7010 - Human Resource Management and Leadership for Health Administration (3 SH)**

Provides the essential knowledge and skills for management of human resources in a health services organization and a foundation in leadership theory, skills and applications.

**Prerequisites:** Consent of academic advisor.



## Community Health & Health Behavior

### **MPH 6600 - Planning Public Health Programs (3 SH)**

Development and delivery of public health programs.

**Prerequisites:** Behavioral Sciences and Health Education (MPH 6013)

### **MPH 6605 - Evaluating Public Health Programs (3 SH)**

Evaluation of public health programs, including formative, process, impact, and outcome evaluation.

**Prerequisites:** Behavioral Sciences and Health Education (MPH 6013), Planning Public Health Programs (MPH 6600)

### **MPH 6670 - Public Health Perspectives on Maternal and Child Health (3 SH)**

Introduces students to maternal and child health (MCH), with primarily a domestic focus. Emphasis on understanding the role policies and programmatic issues play in MCH. Students will gain an understanding of key

**Prerequisites:** Enrollment in master of public health degree program or permission of instructor.

### **MPH 7031 - Topics in Public Health (3 SH)**

May be repeated up to 6 SH with change of topic.

**Prerequisites:** Readings and discussion related to contemporary issues and emerging topics in public health. Consent of instructor.

### **MPH 7201 - Introduction to Survey Methodology (3 SH)**

Overview of principles and practices of population-based survey research, including methods, sampling designs, questionnaire development, sources of error, and analysis of survey data.

**Prerequisites:** Research Methods (MPH 6020), Biostatistics for Health Professionals I (BIOS 7021), or consent of instructor.

## Capstone Courses

### **MPH 6904 - Introduction to Field Placement (1 SH)**

Introduces the student to leaders from different healthcare entities; providing information and discussion on both field placement and career ladder opportunities in their specific health care domains.

**Prerequisites:** Public Health Practice (MPH 6000), Ethics and Law Public Health (MPH 6002), Fundamentals of Environmental Health (MPH 6010), Introduction to Epidemiology (MPH 6011), Behavioral Sciences and Health Education (MPH 6013), Research Methods (MPH 6020), Interdisciplinary Rural Health (MPH 6035), Biostatistics for Health Professionals I (BIOS 7021); or consent of instructor.

### **MPH 6905 - Applied Field Placement (2 SH)**

Demonstration of academic knowledge with learned public health core competencies in professional public health practice settings. 240 hour field placement.

**Prerequisites:** Introduction to Field Placement (MPH 6904)

### **MPH 6991 - MPH Professional Paper I (2 SH)**

May be repeated. Only 3 SH may count towards the degree. Includes applied learning exercise on the implementation of public health and epidemiologic research methodology. Students develop a research proposal (MPH 6991); implement their proposal, analyze their results, and write a public health research article (MPH 6992) that is ready for submission to a peer-reviewed scientific journal.

**Prerequisites:** Public Health Practice (MPH 6000), Ethics and Law Public Health (MPH 6002), Introduction to Epidemiology (MPH 6011), Research Methods (MPH 6020) or consent of instructor.

### **MPH 6992 - MPH Professional Paper II (1 SH)**

May be repeated. Only 3 SH may count towards the degree. Includes applied learning exercise on the implementation of public health and epidemiologic research methodology. Students develop a research proposal (MPH 6991); implement their proposal, analyze their results, and write a public health research article (MPH 6992) that is ready for submission to a peer-reviewed scientific journal.

**Prerequisites:** All core courses or consent of instructor.

### 3.4 Internship/Field Placement

An internship consisting of 240 contact hours is required of all students. The field experience or internship offers students the opportunity to integrate and demonstrate the application of academic knowledge with learned public health core competencies in a professional setting through exposure to one or more core functions of essential public health services.

Each semester (fall, spring, summer), the Field Placement Coordinator(s) will offer meetings to discuss internship interests. MPH 6903 (Comprehensive Field Placement), MPH 6904 (Introduction to Field Placement), and MPH 6905 (Applied Field Placement) are offered each semester including summers. The internship can be completed during any semester. Students should complete their core requirements or the majority of their core requirements before beginning an internship. Most students enroll in MPH 6904 followed by MPH 6905. In some cases, students with previous experience in a public health field may enroll in MPH 6903, Comprehensive Field Placement (3 SH).

Students who recently completed an undergraduate degree without substantial working experience enroll in Introduction to Field Placement (MPH 6904) in the spring of their first year, when the majority, if not all, the core requirements will have been completed. The internship is usually completed during the summer between the first and second year. Students are not limited to summer internships; many students enroll during the fall and/or spring semester. The instructor for MPH 6904 provides a process for completing the internship. Please confer with your academic advisor or student services coordinator about instructors for MPH 6904 in the semester preceding the semester to enroll in internship course MPH 6905.

Field placement is one of the capstone experiences whereby the student and preceptor agency work together within the course structure on a project that is mutually beneficial to the agency and the student. The preceptor is required to have substantial experience in public health leadership.

Preceptor availability often varies by time of year. The ECU MPH program has affiliation agreements with many agencies. Students may suggest an agency but a University Affiliation Agreement (UAA) is required with the agency and may take two or more months to establish between the agency and the University. For more information on field placement go [here](#).

Under some exceptions, students may request a waiver from the internship requirement. Permission must be sought by the Program Director. Another three hour course must be taken to accrue the needed 45 hours.

### 3.5 Integrative Learning Experience (ILE)

The second component of the capstone experience is the “integrative learning experience” during which students demonstrate and synthesize their knowledge and skills acquired in core and concentration courses by conducting a research project and writing a professional paper. Dr. Ann Rafferty is the coordinator for the two courses, Professional Paper I and II. (MPH 6991 and MPH 6992, respectively).

To successfully accomplish their ILE, students conduct a research project, which includes the following steps: review the literature regarding a practice-based or action oriented public health or clinical question in their area of interest, design and plan a research project, complete an Institutional Review Board (IRB) application (if necessary), implement the project, write up the findings similar to manuscript, and present the findings in poster

format to the faculty and fellow students.

The professional paper consists of two linked courses (MPH 6991 Professional Paper I and MPH 6992 Professional Paper II).

- Professional Paper I (MPH 6991) is a two semester hour course in which students develop a well constructed proposal for a research project that can be completed in MPH 6992. If the student proposes a project that includes human subjects, an IRB application must be completed during the Professional Paper I semester.
- Professional Paper II (MPH 6992) is a one semester hour course in which students carry out the proposal developed in Professional Paper I by conducting the research project, writing up the results in a professional paper, and presenting a poster describing their completed project.

Students typically take Professional Paper I and II during the last two semesters of the MPH program. All students are encouraged to have completed the following core courses before starting Professional Paper I: MPH 6000, Public Health Practice; MPH 6002, Ethics and Law in Public Health; MPH 6011, Introduction to Epidemiology; and the research methods course specific to their concentration (MPH 6020 for Health Policy, Administration, and Leadership; MPH 6702 for Epidemiology; MPH 6027 for Community Health and Health Behavior). In addition, Epidemiology students are encouraged to take BIOS 7021, Biostatistics for Health Professionals I prior to MPH 6691, and Community Health and Health Behavior students are encouraged to take MPH 6013, [Behavioral Sciences and Health Education](#).

## Professional Paper Process

1. Students should talk with several faculty members about possible topics that are of interest to them, and then choose one faculty member and ask them if they would be willing to serve as their Primary Professor (advisor and mentor for Professional Paper I and II). A list of potential professional paper topics and faculty interests is on the DPH professional paper [webpage](#).
2. Before registering for MPH 6991, students should set up an initial meeting with their Primary Professor to finalize their topic. At that meeting the student and their Primary Professor should together complete the Integrated Learning Experience (ILE) Agreement and Concept Form. The Primary Professor will then submit the completed form to the Student Services Coordinator.
3. Students should find out what section of MPH 6991 their Primary Professor is teaching and register for that section.
4. Students will work with their Primary Professor over two semesters to complete their professional paper project.
5. MPH 6991 and 6992 cannot be taken concurrently in the same semester without approval.
6. A paper and a poster presentation are required for completion of MPH 6992.
7. For more details, please refer to the [Professional Paper Guidelines](#)

Students receive a **S** for "Satisfactory" or a **U** for "Unsatisfactory" for both classes. Unsatisfactory represents a failure to pass. To progress to Professional Paper II, a student must receive a **S** for Professional Paper I. Upon successful completion of Professional Paper II, a student will be awarded a **S**. Credits from MPH 6991 are not assigned until completion

of MPH 6992. If a U is conferred to either course, the course must be retaken.

### 3.6 Changing Concentrations

Students may change concentrations within their first 12 semester hours after consultation with their concentration advisor and the coordinator of the concentration to which they wish transfer. The student's advisor will assist in facilitating this process.

#### Guide to changing concentrations

- Email academic advisor and request an appoint to discuss reasons for the desired change.
- Discuss reasons with academic advisor.

Students must complete the "Change in Concentration Request Form" and "Change in Academic Advisor Request Form." **(See Appendix 3)**

One's advisor will assist the student with their request. Students should explain the request by email to their academic advisor while cc'ing (copying) the concentration advisor and Chair. Final decisions will be made by concentration coordinator and other faculty within the field of interest.

Should a student wish to change concentration, one should expect taking extra courses, perhaps extending the program an extra semester, depending if the student is part- or full-time.

## 4.0 Certificate Programs

### ECU MPH's program offers two certificate programs

- Public Health Foundations and Practice (PHFP)
- Ethnic and Rural Health Disparities (ERHD)

#### 4.1 Graduate Certificate in Public Health Foundations and Practice (PHFP)

The goal of the Graduate Certificate in Public Health Foundations and Practice (PHFP) is to prepare students with the fundamental core principles and concepts associated with public health. The certificate is designed for individuals either currently working in public health (local or state health departments, healthcare field, physicians, nurses, dentists), or those with no public health experience, who are considering the master of public health (MPH) degree (prior to a full commitment). Program Director is [Greg Kearney, DrPH, PhD](#).

The PHFP certificate program addresses public health from a practice based perspective, placing emphasis on core factors that influence adverse health outcomes among underserved populations. With a background in public health practice, students (including working professionals) gain insight into disease prevention methods that lead to improving health at the community level as well as developing skills that offer job opportunities within various health sectors.

The certificate is open to students enrolled in graduate and medical degree programs as well as non-degree applicants holding a baccalaureate degree. Students currently enrolled in the MPH program are not eligible to earn the public health foundations and practice certificate.

The certificate program is open to any student that has successfully completed a baccalaureate program with a 2.5 GPA and meets requirements determined by the Department of Public Health.

A student must complete five certificate courses with a 3.0 GPA or better. Courses in this certificate program may be transferred into the MPH program with a grade of "B" or better and upon meeting the department's academic admission requirements for the MPH program.

If a student does not have a former health related degree, the student will be required to take Public Health Practice (MPH 6000) before enrolling in another course. A student's successful completion of 15 semester credit hours (**Exhibit 6**) results in award the certificate.

All courses for this certificate are offered via distance education. Certificate program students enroll in same courses as students in MPH program. All courses provide the student with an introduction to the fundamental concepts, methods and aspects of public health, primarily used in a rural, public health practice-based setting. The courses in sequence are shown in **Exhibit 6**.

**Exhibit 6.** Sequence of courses are as follows:

<b>Course Number</b>	<b>Course Name (All Distance Education)</b>	<b>Credits</b>
<b>MPH 6000</b>	<b>Public Health Practice (waived with Permisson)</b>	<b>3</b>
<b>MPH 6011</b>	<b>Introduction to Epidemiology</b>	<b>3</b>
<b>BIOS 7021</b>	<b>Biostatistics for Health Professionals I</b>	<b>3</b>
<b>MPH 6010</b>	<b>Fundamentals of Environmental Health</b>	<b>3</b>
<b>MPH 6013</b>	<b>Behavioral Sciences and Health Education</b>	<b>3</b>
<b>Total Credits</b>		<b>15 SH</b>

## 4.2 Graduate Certificate in Ethnic and Rural Health Disparities (EHRD)

The Certificate in Ethnic and Rural Health Disparities (ERHD) prepares professionals to identify, analyze and develop culturally competent projects for specific ethnic and rural communities in the United States and global communities.

This online certificate program provides students with specific public health skills that will assist health researchers and public health professionals in working with and developing culturally competent health care programs for ethnic and health disparity populations. Program Director is [Eric Bailey, PhD, MPH](#).

## Program Objectives

The major program objectives for this online Ethnic Health and Health Disparities Certificate program are:

1. Identify and assess the major health issues associated with specific ethnic and health disparity populations in eastern North Carolina, North Carolina and the United States;
2. Explore ethnic health and health disparity issues, including its unique and cultural health features;
3. Examine health, illness and disease processes from a biopsychosociocultural (BPSC) perspective;
4. Apply principles and strategies derived from public health and medical anthropology toward planning, implementing and evaluating specific ethnic health and health disparities intervention programs;
5. Develop culturally competent understanding, appreciation, and respect of ethnic and health disparity differences and similarities within, among and between groups;
6. Develop assessment tools that are unbiased, culturally sensitive and advocacy-oriented;
7. Develop specific public health skill sets that will better assist health professionals in working with ethnic and health disparity groups;
8. Provide an online, 12 semester hour certificate program for public health professionals and graduate students that can be completed within one year.

## Program Description

The 12-semester hour Graduate Certificate in Ethnic Health and Health Disparities is designed for public health professionals working in public health agencies and graduate students in Public Health, Allied Health, School of Nursing or School of Medicine programs.

Completion of the certificate requires completion of approved coursework with an overall grade point average of 3.0 (B). A student may earn only 3 semester hours of credit at a C level. Transfer hours are not accepted into the certificate program.

This certificate is offered only online. No face-to-face meetings are required. This certificate can be completed in 12 months, depending on the student's schedule.

The certificate may create a pathway to a MPH Degree at ECU. However, it is of import to note that completion of the certificate does not guarantee admission into a graduate degree program. Application to the graduate degree program must be made separately.

Applicants must meet ECU admission requirements: an earned baccalaureate degree or its equivalent from an accredited college or university with a grade point average of 2.5 or above and acceptable scores on an approved standardized exam such as the GRE or GMAT. Admissions to the Ethnic Health and Health Disparities Certificate Program are semi-annual. The courses in sequence are shown in **Exhibit 7**.

**Exhibit 7.** Sequence of courses are as follows

<b>Course Number</b>	<b>Course Name (All Distance Education)</b>	<b>Credits</b>
<b>MPH 6005</b>	<b>African-American Health</b>	<b>3</b>
<b>MPH 6007</b>	<b>Global Public Health</b>	<b>3</b>
<b>MPH 6008</b>	<b>Ethnic Health and Health Disparities</b>	<b>3</b>
<b>MPH 6009</b>	<b>Capstone Experience in Ethnic Health &amp; Health Disparities</b>	<b>3</b>
<b>Total Credits</b>		<b>12 SH</b>

**5.0 Registering for Courses**

Students register for courses themselves. At the beginning of the program, student meets with the academic advisor to develop a course plan based on student's anticipated graduation date. The student services coordinator emails the student (copies academic advisor) the MPH course schedule prior to Early Registration each semester. The student confers with academic advisor and self registers. Faculty may choose to document all enrollment and advising activities in Degree Works.

Please refer to the last date of registration and drop date. Click [here](#) to see the current academic calendar.

**5.1 Continuous Enrollment (or Registration)**

Graduate students who have previously registered for all credits in a graduate degree program but who have not completed all requirements (e.g., thesis, professional paper, internship, etc.) must continue to register each semester (except summer terms) until all degree requirements are completed and filed with the registrar. **Students must be enrolled for at least one credit hour during the semester of graduation except summer, if registered for the prior spring semester.**

**5.2 Leave of Absence and Readmission**

In special circumstances, students may request a **leave of absence** from their program of study. Students enrolled in graduate degree programs who take a leave of absence of one or more semesters (excluding summer terms) must notify the MPH program director and file a readmission application prior to returning. During a leave of absence students will not be permitted to utilize university resources.

Students who take a leave of less than three years may file an application for readmission online at [www.ecu.edu/gradschool/](http://www.ecu.edu/gradschool/). Students who take a leave of absence of three or more years must submit a new complete application to be considered for admission to their former program.

**5.3 Application for Graduation**

The Application for graduation should be completed in Banner Self-Service at least one semester prior to completion of the requirements of the degree.

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## 5.4 Probation and Termination Policy

To remain in good academic standing, graduate students must maintain a minimum cumulative GPA of 3.0 in all coursework related to their program of study once they have a total of nine credit hours attempted\* and any additional or higher academic standards established by their program of study. Students who fail to meet their program's criteria may be placed on probation or dismissed from the program. A probationary period last for the term(s) in which the next nine credit hours are attempted.

Enrollment in the Graduate School will be automatically terminated for students who fail to correct their academic deficiencies by the end of the probationary period. Graduate students will not be allowed to take classes and subject to immediate dismissal once it becomes mathematically impossible to achieve a cumulative GPA of 3.0 in all coursework related to their program of study by the end of the remaining probationary period.

Students may appeal dismissal decisions by following the process outlined in the Graduate School Appeals Procedure.

\*Total credit hours attempted is the sum of credit hours for all graduate courses in which a graduate student is enrolled as of the tenth day of each semester (*the Official University Enrollment Report Date or "Census Date"*). *Courses with a grade of "I" (incomplete) or dropped after census date are included in the calculation of credit hours attempted.*

## 6.0 Student Code of Conduct

All students are expected to abide by the ECU Code of Student Conduct. Plagiarism, cheating, and other misconduct are not expected among our students and will be dealt with according to the ECU Code of Conduct. Details of Brody BSOM at East Carolina University MPH Code of Student Conduct can be found [here](#).

## 7.0 Course Attendance

Course attendance is expected of all students. Faculty members have the right to establish attendance and participation requirements in each of their courses.

Course requirements (e.g., examinations, oral presentations, laboratory experiments, participation in discussion) are in no sense waived due to absence from class. Instructors may establish penalties when excessive absences would seriously hinder achievement in any course. It is the instructor's discretion as to how absences will be handled.



## 8.0 Courses

### 8.1 Course Load

Up to 15 semester hours of course may be taken in any fall or spring semester without the written permission of the department or college and the dean of the Graduate School. A student is considered to be enrolled full-time when registered for a minimum of nine semester hours during a regular semester.

### 8.2 Credit

The main campus of East Carolina University operates on the semester system. The fall and spring semesters are each approximately 14 weeks in length, plus one additional week for final examinations. The summer session is divided into two equal terms of approximately five and one-half weeks each. Several MPH courses are offered during an 11-week summer session.

The university is in session five and one-half days each week. Typically, class time occurs for three hours in late afternoon (3pm-6pm) for one evening per week. MPH courses are numbered 6000 or higher. Graduate degree credit can be earned only at the standard of a minimum of **750 scheduled minutes** of instructional time or the equivalent per credit hours, as stated in the UNC Policy Manual.

Graduate students who seek and obtain permission to take courses at other institutions for subsequent transfer to degree programs at East Carolina University may obtain credit only at the standard of a minimum of 750 scheduled minutes of instructional time or the equivalent per credit hours, as stated in the UNC Policy Manual.

### 8.3 Transfer Credits

With the permission from the MPH program director and dean of graduate school, up to one third (1/3) of the credit hours in a graduate certificate or degree program may be transferred from a regionally accredited college or university. No credit hours completed as part of a previously earned master's degree can be counted toward a second master's degree. Please see the ECU Graduate School admissions page for more details.

### 8.4 Schedule Changes

A graduate student may add a course or courses through the last day to register for the semester (fall/spring semesters this is the 5th class day), also called the course adjustment period. A graduate student may drop a course via Self-Service Banner, if dropped by the last day of the course adjustment period.

No course is officially dropped or added until all appropriate approvals are obtained from the advisor and/or the Graduate School.

## 9.0 Grading System

### 9.1 Grades and Scholarship

At the first scheduled class meeting, the instructor must state the basic requirements and assignments of the course and indicate his or her method of evaluation. In the Graduate School, grades consist of A, AU, B, C, F, I, NR, S, U, and W.

### 9.2 Definition of Grades

1. **A** (Excellent)
2. **AU** (Audit)
3. **B** (Good)
4. **C** (Passed)
5. **F** (Failure)
6. **I** (Incomplete) The grade of "I" is given for a deficiency in the quantity of work done in a course, as opposed to quality of work done in a course. It may only be awarded in extenuating circumstances. A student must have completed a substantial proportion of the course work and be passing the class. The grade is considered temporary. "I" grades must be resolved within one calendar year or a grade of "F" will be automatically assigned; instructors have the prerogative to require a shorter period of time to complete the remaining requirements. No student will be allowed to graduate with an incomplete on his or her record. The grade of "I" cannot be given for theses or dissertations. No exceptions to this policy will be granted.
7. **NR** (Not reported by faculty)
8. **S** (Satisfactory progress) A special grade reserved for thesis and dissertation research, internships, practica, and similar courses. The grades in these courses are not included in meeting the cumulative grade point average of 3.0 required for graduation.
9. **U** (Unsatisfactory progress) A special grade reserved for thesis and dissertation research, internships, practica, and similar courses. The grades in these courses are not included in meeting the cumulative grade point average of 3.0 required for graduation.
10. **W** (Withdrawn)

## 10.0 Frequently Asked Questions about the ECU MPH program

### 1. How many credit hours are required for graduation?

45 semester hours.

### 2. Are all students required to complete an internship in public health?

Yes. The internship is an integral component of the MPH Program. Students with substantial previous field experience may petition to be exempt from the internship requirement or a portion thereof. Exemption is at the discretion of the MPH Program Director.

### 3. How long will it take to complete the degree requirements?

It depends on whether you pursue this on a full-time basis or part-time. Students can complete the program in two to four years.

### 4. Can I transfer courses from another master of public health program or graduate school?

With approval of the program director and Dean of the Graduate School, up to 12 credit hours from a CEPH accredited MPH program may be transferred, depending on how well a course matches the ECU MPH course substituted and accreditation standards.

### 5. Are courses offered in the evening?

Most courses are offered in the late afternoon or early evening once per week for three hours.

### 6. How do I apply?

Through an application to the ECU graduate school at [www.ecu.edu/gradschool/](http://www.ecu.edu/gradschool/). All supplemental materials will need to be sent to the Graduate School.

### 7. What is the application deadline?

Deadlines for submission of admission applications are April 15 for fall semester and October 15 for spring semester. **Prospective students are strongly urged to apply well before the deadline.** Late admission will be considered based on program capacity.

### 8. Are students accepted only for fall admission?

No, the MPH Program admits students for the spring semester as well.

### 9. What is the minimum GPA required?

Until the program has experience upon which to judge the ability of students to successfully complete the MPH program, the minimum standards of the ECU graduate school apply - a minimum overall undergraduate GPA of 2.7 or a senior year GPA of 3.0. College Algebra is required on undergraduate transcript to take biostatistics.

### 10. What entrance exams and scores are required? Get new GRE scores?

The Graduate Record Exam (GRE) is used as one gauge of an applicant's ability to

successfully complete the program. We require applicants to take the GRE. A combined GRE score of 309 or greater is desirable.

**11. Must I take the Graduate Record Exam if I have already completed a graduate degree?**

It depends on what the graduate program was, how recently you completed it, and what your grades were in the program. If you are interested in waiving the GRE, you must receive written consent from the MPH Program Director **BEFORE** the application deadline.

**12. How do I find more about the Graduate Record Exam (GRE)?**

Go to <http://www.ets.org/gre>

**13. Is there any financial aid?**

ECU Financial Aid information can be found at <http://www.ecu.edu/financial/>

**14. Is the program accredited?**

ECU is accredited by the Southern Association of Colleges. The MPH Program was fully accredited in 2012 for seven years by Council on Education for Public Health.

## Appendix 1 - CEPH MPH Foundational Competencies

<b>Evidence-based Approaches to Public Health</b>
1. Apply epidemiological methods to the breadth of settings and situations in public health practice
2. Select quantitative and qualitative data collection methods appropriate for a given public health context
3. Analyze quantitative and qualitative data using biostatistics, informatics, computer-based programming and software, as appropriate
4. Interpret results of data analysis for public health research, policy or practice
<b>Public Health &amp; Health Care Systems</b>
5. Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings
6. Discuss the means by which structural bias, social inequities and racism undermine health and create challenges to achieving health equity at organizational, community and societal levels
<b>Planning &amp; Management to Promote Health</b>
7. Assess population needs, assets and capacities that affect communities' health
8. Apply awareness of cultural values and practices to the design or implementation of public health policies or programs
9. Design a population-based policy, program, project or intervention
10. Explain basic principles and tools of budget and resource management
11. Select methods to evaluate public health programs
<b>Policy in Public Health</b>
12. Discuss multiple dimensions of the policy-making process, including the roles of ethics and evidence
13. Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes
14. Advocate for political, social or economic policies and programs that will improve health in diverse populations
15. Evaluate policies for their impact on public health and health equity
<b>Leadership</b>
16. Apply principles of leadership, governance and management, which include creating a vision, empowering others, fostering collaboration and guiding decision making
17. Apply negotiation and mediation skills to address organizational or community challenges
<b>Communication</b>
18. Select communication strategies for different audiences and sectors
19. Communicate audience-appropriate public health content, both in writing and through oral presentation
20. Describe the importance of cultural competence in communicating public health content
<b>Interprofessional Practice</b>
21. Perform effectively on interprofessional teams
<b>Systems Thinking</b>
22. Apply systems thinking tools to a public health issue

## Appendix 2 - Concentration-Specific Competencies

Community Health & Health Behavior	Related Courses
1. Design a logic model to guide intervention development and data collection for program evaluation.	MPH 6605
2. Develop an evaluation plan for health promotion and disease prevention interventions that address multiple levels of the socioecological framework.	MPH 6605
3. Apply qualitative and quantitative data analyses to assess programming needs, evaluation, or public health issues.	MPH 6027
4. Formulate a collaborative plan with a community partner to achieve common public health goals.	MPH 6605
5. Design a public health project that includes a detailed itemized budget, timeline, and staff training plan for data collection.	MPH 6600
Epidemiology	
1. Critically evaluate public health literature through application of fundamental principles and methods of epidemiology.	MPH 6702
2. Identify and implement appropriate study design, recruitment, data collection, and analyses methods to address and identify public health problems.	MPH 6702
3. Identify and apply statistical methods to calculate appropriate epidemiologic measures of association including identification of confounders and effect modifiers and their use in multivariable analyses.	BIOS 7022
4. Perform data management, analyses, visualization, and report generation of existing public health data using SAS to inform public health decisions.	MPH 7202
5. Explain epidemiologic results in terms of magnitude, precision, validity, and limitations and identify their relevance to public health guidance.	MPH 6702
Health Policy, Administration & Leadership	
1. Address inequities in the prevalence of chronic diseases in rural and minority populations using systems thinking approaches.	MPH 6800, MPH 6700
2. Examine and interpret the impact of health care costs, access, and quality policies on disadvantaged populations.	MPH 6800, MPH 6700
3. Cultivate leadership skills in strategic planning/management with a focus on reducing disparities in disadvantaged populations.	MPH 6810
4. Perform financial analyses.	MPH 6810, MPH 7010
5. Develop and apply human resources management skills inclusive of diversity and disadvantaged populations.	MPH 7010

## Appendix 3 - Student Request - Change of Academic Advisor and/or Concentration

### MPH Student Request Change of Academic Advisor and/or Concentration

Student Name: \_\_\_\_\_ Banner ID \_\_\_\_\_

Date Change Requested \_\_\_\_/\_\_\_\_/\_\_\_\_

Student's Current MPH Concentration ☐ Epidemiology ☐ Health Policy Administration & Leadership  
☐ Community Health & Health Behavior

Student's Current Academic Advisor \_\_\_\_\_

Student's Requested Academic Advisor \_\_\_\_\_

Student's Requested Concentration ☐ Epidemiology ☐ Health Policy Administration & Leadership  
☐ Community Health & Health Behavior

Student's reason for requesting a change of Academic Advisor

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Student's Signature \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Current Academic Advisor's Signature \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Requested Academic Advisor's Signature \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_

### Appendix 4 - Student Request - Change of Professional Paper Advisor

## MPH Student Request Change of Professional Paper Advisor

Student Name: \_\_\_\_\_ Banner ID \_\_\_\_\_

Date Change Requested \_\_\_\_/\_\_\_\_/\_\_\_\_

Student's Current MPH Concentration ☐ Epidemiology ☐ Health Policy Administration & Leadership  
☐ Community Health & Health Behavior

Student's Current Professional Paper Advisor \_\_\_\_\_

Student's Requested Professional Paper Advisor \_\_\_\_\_

Student's reason for requesting a change of Professional Paper Advisor

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**Student's Signature** \_\_\_\_\_ **Date** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Current Professional Paper Advisor's Signature** \_\_\_\_\_ **Date** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Requested Professional Paper Advisor's Signature** \_\_\_\_\_ **Date** \_\_\_\_/\_\_\_\_/\_\_\_\_

### Appendix 5 - Advising Form



## Epidemiology Concentration (EPI)

Student Name: \_\_\_\_\_ Banner ID: \_\_\_\_\_

Admission Status    Regular Admit    Special Admit (may need Student Services Consult)

Academic Year    ☐ Entered    ☐ \_\_\_\_\_

Time Frame for Graduation    2 years    2.5 years    3 years    Other \_\_\_\_\_

☐                      ☐                      ☐                      ☐

Core Classes	Epidemiology Concentration	SH	Year Term	Final Grade
<b>MPH 6000</b>	<b>Public Health Practice</b>	<b>3</b>		
<b>MPH 6002</b>	<b>Ethics and Law in Public Health</b>	<b>3</b>		
<b>MPH 6011</b>	<b>Intro to Epidemiology</b>	<b>3</b>		
<b>MPH 6013</b>	<b>Principles of Health Behavior</b>	<b>3</b>		
<b>MPH 6035</b>	<b>Interdisciplinary Rural Health</b>	<b>3</b>		
<b>MPH 6702</b>	<b>Epidemiology Methods</b>	<b>3</b>		
<b>MPH/EHST 6010</b>	<b>Fundamentals of Environmental Health</b>	<b>3</b>		
<b>BIOS 7021</b>	<b>Biostatistics for Health Professionals I</b>	<b>3</b>		
<b>Concentration</b>				
<b>MPH 7202</b>	<b>Public Health Data Analysis</b>	<b>3</b>		
<b>BIOS 7022</b>	<b>Biostatistics for Health Professionals II</b>	<b>3</b>		
<b>Students take 2 concentration courses and 1 elective **</b>				
<b>MPH 6021</b>	<b>Chronic Disease Epidemiology</b>	<b>3</b>		
<b>MPH 6022</b>	<b>Infectious Disease Epidemiology (recommended)</b>	<b>3</b>		
<b>MPH 7200</b>	<b>Principles of PH Surveillance</b>	<b>3</b>		
<b>Electives that may serve as concentration courses with approval</b>				
<b>MPH 6007</b>	<b>Global Public Health: A Global Perspective (6wk)</b>	<b>3</b>		
<b>MPH 6027</b>	<b>Applied Mixed Methods Research</b>	<b>3</b>		
<b>MPH 6036</b>	<b>Fundamentals in Agromedicine</b>	<b>3</b>		
<b>MPH 6605</b>	<b>Evaluating Public Health Programs</b>	<b>3</b>		
<b>MPH 7201</b>	<b>Survey Methodology (recommended)</b>	<b>3</b>		
<b>BIOS 7580</b>	<b>Categorical Data Analysis</b>	<b>3</b>		
<b>HIMA 6060*†</b>	<b>Theories and Applications for Health Informatics</b>	<b>3</b>		
<b>Capstone - APE</b>				
<b>MPH 6904</b>	<b>Introduction to Field Placement</b>	<b>1</b>		
<b>MPH 6905</b>	<b>Applied Field Placement</b>	<b>2</b>		
<b>Capstone - ILE</b>				
<b>MPH 6991</b>	<b>Profession Paper I</b>	<b>2</b>		
<b>MPH 6992</b>	<b>Professional Paper II</b>	<b>1</b>		

### Footnotes

\* HIMA 6060—Theoretical and practical foundations of health informatics for clinical, managerial, community health, and public health services

\*\* Students may take courses that match their career goals consistent with the Graduate Catalog and with approval of academic advisor.

† Requires Instructor Consent—Pre-requisites required. Student should look up course in BANNER and determine who is teaching it and contact instructor for permission (i.e., to inform Professor s/he is in the MPH program).

**Notes** \_\_\_\_\_

## Health Policy Administration & Leadership Concentration (HPAL)

Student name: \_\_\_\_\_ Banner ID: \_\_\_\_\_

Admission Status      Regular Admit      Special Admit (may need Student Services Consult)

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☐

Academic Year Entered \_\_\_\_\_

Time Frame for Graduation      2 years      2.5 years      3 years      Other \_\_\_\_\_

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Notes \_\_\_\_\_

Core Courses	Health Policy Administration & Leadership Concentration	SH	Year Term	Final Grade
MPH 6000	Public Health Practice	3		
MPH 6002	Ethics and Law Public Health	3		
MPH 6010	Fundamentals of Environmental Health	3		
MPH 6011	Introduction to Epidemiology	3		
MPH 6013	Behavioral Sciences and Health Education	3		
MPH 6020	Research Methods	3		
MPH 6035	Interdisciplinary Rural Health	3		
BIOS 7021	Biostatistics for Health Professionals I	3		
Concentration Core Courses (Required)				
MPH 6800	Health Policy and Politics	3		
MPH 6810	Strategic and Financial Management of Healthcare Organizations	3		
MPH 7010	Human Resource Management and Leadership for Health Administration	3		
Concentration Electives (Choose 2)				
MPH 6040	Long-term Health Administration	3		
MPH 6700	Health Economics	3		
COHE 6100	Community Health Administration	3		
COHE 6630	Quality Management in Health Care	3		
HIMA 6060	Health Informatics	3		
Application Courses (Required)				
MPH 6904	Introduction to Field Placement	1		
MPH 6905	Applied Field Placement	2		
MPH 6991	MPH Professional Paper I	2		
MPH 6992	MPH Professional Paper II	1		
<b>Required Hours</b>		<b>45</b>		

**Community Health & Health Behavior Concentration (CHHB)**

Student name: \_\_\_\_\_ Banner ID: \_\_\_\_\_

Admission Status      Regular Admit Special Admit (may need Student Services Consult)

Academic Year      ☐ Entered      ☐ \_\_\_\_\_Time Frame for Graduation    2 years      2.5 years      3 years    Other \_\_\_\_\_  
☐                      ☐                      ☐                      ☐

Core Courses	Community Health & Health Behavior Concentration	SH	Year Term	Final Grade
MPH 6000	Public Health Practice	3		
MPH 6002	Ethics and Law Public Health	3		
MPH 6010	Fundamentals of Environmental Health	3		
MPH 6011	Introduction to Epidemiology	3		
MPH 6013	Behavioral Sciences and Health Education	3		
MPH 6020	Research Methods	3		
MPH 6035	Interdisciplinary Rural Health	3		
BIOS 7021	Biostatistics for Health Professionals I	3		
Concentration Core Courses (Required)				
MPH 6600	Planning Public Health Programs	3		
MPH 6605	Evaluating Public Health Programs	3		
MPH 6027	Applied Mixed Methods	3		
Concentration Electives				
MPH 6670	Public Health Perspectives on Maternal and Child Health	3		
MPH 7201	Introduction to Survey Methods	3		
See below	See bundle of courses to equal 3 SHs	3		
Application Courses				
MPH 6904	Introduction to Field Placement	1		
MPH 6905	Applied Field Placement	2		
MPH 6991	Professional Paper I	2		
MPH 6992	Professional Paper II	1		
<b>Required Hours</b>		<b>45</b>		

Notes \_\_\_\_\_

**High Recommendation** - Bundle 3 SH of electives**MPH 7031 - Topics in Public Health**Grant Writing | Social Media and Health Improvement | Quality Improvement | Surveys Using Qualtrics  
Qualitative Methods Overview | Building Partnerships and Coalitions | Community Supported Agriculture





