

# DOCTOR OF PUBLIC HEALTH, EPIDEMIOLOGY CONCENTRATION

## Admissions Requirements

- MPH or MSPH from a CEPH accredited institution. Additional foundational coursework will be required for individuals who do not meet this requirement.
- A minimum of 3 years of relevant public health practice. See concentration prerequisites below for additional detail.
- Official Transcripts - Official transcripts are required from all undergraduate and graduate institutions attended.
- Letters of Recommendation - Applicants must submit 3 letters of recommendation from individuals who can speak to academic, practice and/or research abilities.
- Personal Statement - The personal statement should be no more than 1500 words in length and answer the following questions:
  - Why are you interested in pursuing a DrPH degree?
  - What are your specific areas of interest related to the concentration area you are applying?
  - How has your public health practice experience prepared you for the DrPH concentration to which you are applying?
  - How will obtaining a DrPH in the selected concentration area will help you meet your career objectives?
  - What are your personal skills and general preparation that will help you succeed in this DrPH program?
- Resume or CV - An updated resume/CV that includes: Employment history, relevant public health practice experience, volunteer/service experience
- TOEFL or IELTS Scores - Official Test of English as a Foreign Language (TOEFL) or IELTS scores are required of all applicants whose primary language is not English or whose undergraduate degree is from a college or university outside of the United States.
- Epidemiology Concentration Prerequisites: A minimum of 3 years of relevant public health practice experience with emphasis on epidemiology. Examples of such experience include but not limited to:
  - Designing, implementing, and evaluating a public health surveillance system
  - Collecting, analyzing, and disseminating public health data
  - Analyzing health trends and patterns in a population to assist in the development of interventions or needs assessments
  - Creating data visualizations and reports based on analysis results
  - Conducting data automation and linkages between systems
  - Responding to and advising on public health data requests, including data sharing and research agreements
  - Conducting outbreak investigations

- Designing and preparing surveillance and field investigation protocols, survey instruments, and surveillance forms
- Responding to public inquiries on epidemiologic issues

Detailed application and admissions criteria is located on the DrPH Admissions website at <https://www.unmc.edu/publichealth/admissions/doctorofpublichealth.html>

## Curriculum

Code	Title	Credit Hours
<b>PREREQUISITE COURSES</b>		
CPH 500	FOUNDATIONS OF PUBLIC HEALTH *	3
CPH 628	EPIDEMIOLOGIC METHODS 1 (**)	3
<b>CORE COURSES</b>		<b>18</b>
CPH 700	HEALTH EQUITY AND COMMUNITY ENGAGEMENT	3
CPH 704	ADVOCACY AND POLICY ENGAGEMENT	3
CPH 705	PUBLIC HEALTH TEACHING AND TRAINING	3
CPH 707	ADVANCED PUBLIC HEALTH LEADERSHIP AND MANAGEMENT	3
CPH 711	COMMUNICATION FOR PUBLIC HEALTH LEADERS	3
CPH 712	SYSTEMS AND STRATEGIC THINKING	3
<b>CONCENTRATION COURSES</b>		<b>12</b>
CPH 621	APPLIED EPIDEMIOLOGY	3
CPH 626	HEALTH INFORMATION AND SURVEILLANCE FOR PUBLIC HEALTH PRACTICE	3
CPH 746	EPIDEMIOLOGY IN PUBLIC HEALTH PRACTICE	3
CPH 757	SURVEY RESEARCH METHODS	3
<b>ELECTIVE COURSES</b> (At least 3 of the 12 credit hours must be 700-level)		<b>12</b>
<b>PRACTICUM AND ILE COURSES</b>		<b>12</b>
CPH 798	DRPH PRACTICUM	1-6
CPH 799	DRPH INTEGRATIVE LEARNING EXPERIENCE	1-6
<b>Total Credit Hours</b>		<b>54-60</b>

\*Only required if student does not have an MPH from an accredited program

\*\*Only required if student has not taken a similar graduate-level course.

Students must also complete a zero-credit hour Digital Portfolio.

## Concentration Competencies

EPIDRPH1	Critically review and interpret scientific literature to synthesize evidence, identify gaps and inform public health research and practice
EPIDRPH2	Use epidemiologic concepts and methods to design, implement, and evaluate research studies and public health programs

EPIDRPH3	Select and utilize appropriate epidemiologic data and analytic methods, and interpret the results to inform public health research and practice
EPIDRPH4	Incorporate ethical principles and cultural sensitivity into the design, implementation, analysis, and dissemination for public health research and practice
EPIDRPH5	Communicate epidemiologic concepts and findings orally and in writing in accordance with professional standards to professional audiences, policy makers, and the public