

ONLINE MPH IN EPIDEMIOLOGY

Kent State University's College of Public Health's STEM-designated [online Master of Public Health in Epidemiology](#) program equips you with the essential knowledge, skills and methodologies for success in various epidemiological roles, from investigation to policy-making. Become an expert at applying quantitative and qualitative methods to investigate disease outbreak preparedness, determine causal relationships between environmental and biological factors, and conduct studies to project health trends in populations.

WHY CHOOSE KENT STATE?

- **100% online program** designed for full-time working professionals
- Accredited by the Council on Education for Public Health (CEPH)
- **Learn from expert faculty** who are at the forefront of health research and policy
- Engage with a robust curriculum featuring [award-winning courses](#)
- No GRE test scores required
- Students with all bachelor's degrees are welcome
- **Diverse and inclusive** learning environment
- The College of Public Health is committed to expanding health equity

ADMISSIONS REQUIREMENTS

- Completed online application
- Bachelor's degree, with a GPA of 3.0 or higher (on a 4.0 scale), from an accredited university for unconditional admission
- Two letters of recommendation from professors and/or employers
- Application fee: \$50
- Official transcripts
- Goal statement
- Resume/CV

PROGRAM STRUCTURE

- 46 credits, minimum
- 14 [courses](#)
- Ten core courses, and four electives
- Customizable 150-hour applied practice experience
- Courses last 15 weeks each, with some seven-week electives
- Graduate in as few as 27 months
- Three annual start dates: January, May, August

THE CURRICULUM

Each course is 3 credits unless otherwise indicated.

Core Courses (30 Credits):

- BST 52019 Biostatistics in Public Health
- BST 63014 Applied Regression Analysis of Public Health Data
- EHS 52018 Environmental Health Concepts in Public Health
- EPI 52017 Fundamentals of Public Health Epidemiology
- EPI 63014 Epidemiology of Chronic Diseases
- EPI 63015 Epidemiology of Infectious Diseases
- EPI 63016 Principles of Epidemiologic Research
- HPM 52016 Public Health Administration
- HPM 53010 Community Health Needs Assessment
- SBS 54634 Social Determinants of Health Behaviors

Elective Group A (1 Course, 3 Credits)

Choose one of the following or any graduate course (50000 or 60000 level) with advisor approval.

- BST 60010 Using R in Public Health
- BST 60011 Using SAS in Public Health
- BST 60012 Using Excel in Public Health
- BST 62020 Data Management and Logic Using SAS® Software
- BST 63012 Survival Analysis in Public Health
- BST 63013 Experimental Designs in Public Health Research
- EHS 52100 Climate Change and Population Health
- EHS 53014 Built Environment and Public Health
- EPI 50017 Pharmacoepidemiology
- EPI 50018 Regulatory Affairs in Clinical Research
- EPI 52010 Understanding The COVID-19 Pandemic
- EPI 63019 Experimental Designs for Clinical Research
- EPI 63020 Advanced Epidemiology and Clinical Research Methods
- EPI 63021 Ethical Issues in Public Health and Clinical Research
- EPI 63034 Longitudinal Data Analysis
- GEOG 59070 Geographic Information Science
- GEOG 59071 Fundamentals of Geographic Information Science I
- GEOG 59072 Geographic Information Science and Health

Elective Group B (3 Courses, 9 Credits)

Choose three of the following or any 60000-level graduate course with advisor approval.

- BST 60010 Using R in Public Health
- BST 60011 Using SAS in Public Health
- BST 60012 Using Excel in Public Health
- BST 62020 Data Management and Logic Using SAS® Software
- BST 63012 Survival Analysis in Public Health
- BST 63013 Experimental Designs in Public Health Research
- EPI 63019 Experimental Designs for Clinical Research
- EPI 63020 Advanced Epidemiology and Clinical Research Methods
- EPI 63021 Ethical Issues in Public Health and Clinical Research
- EPI 63034 Longitudinal Data Analysis

Culminating Requirement

- PH 61199 Integrative Learning Experience (1 Credit)
- EPI 60192 Applied Practice Experience

WHAT YOU'LL LEARN

The online MPH in Epidemiology is designed for public health professionals who are motivated to analyze the distribution and determinants of disease, disabilities and death in populations. Students benefit from faculty members' research focus in biopreparedness, public health surveillance systems, chronic disease, cancer and infectious disease epidemiology.

Graduates of this program may go on to pursue roles as researchers in universities, medical schools, and pharmaceutical companies; disease prevention specialists in hospitals, surveillance managers in state and local health departments, or other specialized positions across the healthcare continuum.