

PUBLIC HEALTH - M.P.H.

College of Public Health
www.kent.edu/publichealth

About This Program

Looking for a career in public health that can make a real difference in communities and populations? With the Master of Public Health degree, you can specialize in biostatistics, epidemiology, health policy and management or social and behavioral sciences, each with its own unique skill set and career opportunities. Whether you're interested in analyzing health data, investigating disease outbreaks, developing effective health services delivery models or designing and evaluating public health interventions, the M.P.H. degree can help you achieve your goals and make a positive impact in the field of public health. Read more...

Contact Information

- College of Public Health Dean's Office | CPHgradapps@kent.edu | 330-672-6500
- Connect with an Admissions Counselor: U.S. Student | International Student

Program Delivery

- **Delivery:**
 - Fully online
 - Mostly online
 - In person
- **Location:**
 - Kent Campus
 - Twinsburg Academic Center (Health Policy and Management concentration only - mostly online)
 - Independence, Ohio (Health Policy and Management concentration only - mostly online)

Examples of Possible Careers and Salaries*

Epidemiologists

- 4.6% about as fast as the average
- 8,000 number of jobs
- \$74,560 potential earnings

Health specialties teachers, postsecondary

- 20.5% much faster than the average
- 254,000 number of jobs
- \$99,090 potential earnings

Medical and health services managers

- 31.5% much faster than the average
- 422,300 number of jobs
- \$104,280 potential earnings

Social and community service managers

- 17.0% much faster than the average
- 175,500 number of jobs
- \$69,600 potential earnings

Clinical laboratory technologists and technicians

- 7.3% faster than the average
- 337,800 number of jobs
- \$54,180 potential earnings

Accreditation

The M.P.H. degree in Public Health is accredited by the Council on Education for Public Health (CEPH).

* Source of occupation titles and labor data comes from the U.S. Bureau of Labor Statistics' Occupational Outlook Handbook. Data comprises projected percent change in employment over the next 10 years; nation-wide employment numbers; and the yearly median wage at which half of the workers in the occupation earned more than that amount and half earned less.

For more information about graduate admissions, visit the graduate admission website. For more information on international admissions, visit the international admission website.

Admission Requirements

- Bachelor's degree from an accredited college or university
- Minimum 3.000 undergraduate GPA on a 4.000-point scale
- Official transcript(s)
- GRE scores or other standardized admission exam (GMAT, MCAT, LSAT or PCAT)¹ (*effective for spring 2024 admission term, test scores are no longer required*)
- Goal statement
- *Résumé is required effective for spring 2024 admission term*
- Three letters of recommendation
- English Language Proficiency - all international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning one of the following:
 - Minimum 550 TOEFL PBT score
 - Minimum 79 TOEFL IBT
 - Minimum 77 MELAB score
 - Minimum 6.5 IELTS score
 - Minimum 58 PTE score
 - Minimum 110 Duolingo English score

¹ GRE scores may be waived, as determined by graduate coordinator, using program criteria.

Application Deadlines

- **Fall Semester**
 - Priority deadline: March 15 (international student)
Applications submitted by this deadline will receive the strongest consideration for admission.
 - Rolling admissions (domestic student)
- **Spring Semester**

- Priority deadline: August 15 (international student)
Applications submitted by this deadline will receive the strongest consideration for admission.
- Rolling admissions (domestic student)
- **Summer Term**
 - Rolling admissions (domestic student)

Program Requirements

Major Requirements

Code	Title	Credit Hours
Major Requirements		
BST 52019	BIostatISTICS IN PUBLIC HEALTH	3
EHS 52018	ENVIRONMENTAL HEALTH CONCEPTS IN PUBLIC HEALTH	3
EPI 52017	FUNDAMENTALS OF PUBLIC HEALTH EPIDEMIOLOGY	3
HPM 52016	PUBLIC HEALTH ADMINISTRATION	3
HPM 53010	COMMUNITY HEALTH NEEDS ASSESSMENT	3
PH 61199	INTEGRATIVE LEARNING EXPERIENCE	1
SBS 54634	SOCIAL DETERMINANTS OF HEALTH BEHAVIORS	3
Major Electives, choose from the following;		6-12
Biostatistics (BST) Courses (50000 or 60000 level)		
Environmental Health Sciences (EHS) Courses (50000 or 60000 level)		
Epidemiology (EPI) Courses (50000 or 60000 level)		
Health Policy and Management (HPM) Courses (50000 or 60000 level)		
Social and Behavioral Sciences (SBS) Courses (50000 or 60000 level)		
Concentrations		
Choose from the following:		18-21
Biostatistics		
Epidemiology		
Health Policy and Management		
Social and Behavioral Sciences		
Minimum Total Credit Hours:		46

Biostatistics Concentration Requirements

Code	Title	Credit Hours
Concentration Requirements		
BST 63012	SURVIVAL ANALYSIS IN PUBLIC HEALTH	3
BST 63013	EXPERIMENTAL DESIGNS IN PUBLIC HEALTH RESEARCH	3
BST 63014	APPLIED REGRESSION ANALYSIS OF PUBLIC HEALTH DATA	3
EPI 63016	PRINCIPLES OF EPIDEMIOLOGIC RESEARCH	3
EPI 63034	LONGITUDINAL DATA ANALYSIS	3
<i>Culminating Requirement</i>		
BST 60192	APPLIED PRACTICE EXPERIENCE IN BIOSTATISTICS ¹	3-6
Minimum Total Credit Hours:		21

¹ It is expected that students enrolled in BST 60192 who does not complete the course in one term will continuously register for BST 60292 each semester, until all requirements have been met. Credit

hours for BST 60292 do not apply to the minimum 46 credit hours for the degree.

Epidemiology Concentration Requirements

Code	Title	Credit Hours
Concentration Requirements		
BST 63014	APPLIED REGRESSION ANALYSIS OF PUBLIC HEALTH DATA	3
EPI 63014	EPIDEMIOLOGY OF CHRONIC DISEASES	3
EPI 63015	EPIDEMIOLOGY OF INFECTIOUS DISEASES	3
EPI 63016	PRINCIPLES OF EPIDEMIOLOGIC RESEARCH	3
<i>Culminating Requirement</i>		
EPI 60192	APPLIED PRACTICE EXPERIENCE IN EPIDEMIOLOGY	3-6
Minimum Total Credit Hours:		18

¹ It is expected that students enrolled in EPI 60192 who does not complete the course in one term will continuously register for EPI 60292 each semester, until all requirements have been met. Credit hours for EPI 60292 do not apply to the minimum 46 credit hours for the degree.

Health Policy and Management Concentration Requirements

Code	Title	Credit Hours
Concentration Requirements		
HPM 63003	HEALTH CARE SYSTEMS	3
HPM 63004	PUBLIC HEALTH POLICY, LAW AND ETHICS	3
HPM 63005	FINANCIAL MANAGEMENT FOR PUBLIC HEALTH ORGANIZATIONS	3
HPM 63006	COST BENEFIT ANALYSIS IN PUBLIC HEALTH PROGRAMS	3
HPM 63007	PUBLIC HEALTH PROGRAMS: PLANNING, IMPLEMENTATION AND EVALUATION	3
<i>Culminating Requirement</i>		
HPM 60192	APPLIED PRACTICE EXPERIENCE IN HEALTH POLICY AND MANAGEMENT	3-6
Minimum Total Credit Hours:		21

¹ It is expected that students enrolled in HPM 60192 who does not complete the course in one term will continuously register for HPM 60292 each semester, until all requirements have been met. Credit hours for HPM 60292 do not apply to the minimum 46 credit hours for the degree.

Social and Behavioral Sciences Concentration Requirements

Code	Title	Credit Hours
Concentration Requirements		
HPM 63007	PUBLIC HEALTH PROGRAMS: PLANNING, IMPLEMENTATION AND EVALUATION	3
SBS 60002	QUANTITATIVE METHODS IN SOCIAL AND BEHAVIORAL SCIENCES	3
SBS 60021	SOCIAL AND BEHAVIORAL SCIENCE THEORIES	3

SBS 63008	GRANT WRITING IN SOCIAL AND BEHAVIORAL SCIENCES	3
SBS 63030	SEMINAR IN SOCIAL AND BEHAVIOR SCIENCES	3
<i>Culminating Requirement</i>		
SBS 60192	APPLIED PRACTICE EXPERIENCE IN SOCIAL AND BEHAVIORAL SCIENCES	3-6
Minimum Total Credit Hours:		21

¹ It is expected that students enrolled in SBS 60192 who does not complete the course in one term will continuously register for SBS 60292 each semester, until all requirements have been met. Credit hours for SBS 60292 do not apply to the minimum 46 credit hours for the degree.

Graduation Requirements

- Practicum placement at an approved public health agency under the guidance of a qualified preceptor (150 or 300 contact hours)
- Final portfolio/report and a seminar presentation integrating theory and practice
- Participation in at least one approved interprofessional education event; event requires students to participate at a specific time/date to be determined in consultation with the student’s advisor

Program Learning Outcomes

Graduates of this program will be able to:

Evidence-based Approaches to Public Health

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.

Public Health and Health Care Systems

1. Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings.
2. 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.

Planning and Management to Promote Health

1. Assess population needs, assets and capacities that affect communities’ health.
2. Apply awareness of cultural values and practices to the design or implementation of public health policies or programs.
3. Design a population-based policy, program, project or intervention.
4. Explain basic principles and tools of budget and resource management.
5. Select methods to evaluate public health programs.

Policy in Public Health

1. Discuss multiple dimensions of the policy-making process, including the roles of ethics and evidence.
2. Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes.
3. Advocate for political, social or economic policies and programs that will improve health in diverse populations.
4. Evaluate policies for their impact on public health and health equity.

Leadership

1. Apply principles of leadership, governance and management, which include creating a vision, empowering others, fostering collaboration and guiding decision making.
2. Apply negotiation and mediation skills to address organizational or community challenges.

Communication

1. Select communication strategies for different audiences and sectors.
2. Communicate audience-appropriate public health content, both in writing and through oral presentation.
3. Describe the importance of cultural competence in communicating public health content.

Interprofessional Practice

1. Perform effectively on interprofessional teams.

Systems Thinking

1. Apply systems thinking tools to a public health issue.

Dual degree with M.B.A. in Business Administration

Students have the opportunity to complete a dual degree program with the Master in Public Health and the Master of Business Administration. A separate application must be submitted for each program. Students can view admission requirements for each program on their respective catalog page.

The M.B.A./M.P.H. dual degree program prepares students for responsible leadership positions and offers an integrated business and public health curriculum designed to help students develop real-world knowledge and skills needed to pursue success and management opportunities in the public health industry.

Dual Degree Requirements

Code	Title	Credit Hours
ACCT 63037	FINANCIAL ACCOUNTING FOR DECISION MAKING	2
ACCT 63038	MANAGERIAL ACCOUNTING FOR DECISION MAKING	2
BA 64005	ANALYTICS FOR DECISION MAKING	2
BA 64041	OPERATIONS, SERVICE AND SUPPLY CHAIN MANAGEMENT	2
BST 52019	BIOSTATISTICS IN PUBLIC HEALTH	3
CIS 64042	GLOBALIZATION AND TECHNOLOGY STRATEGY	2
ECON 62021	MACROECONOMIC ENVIRONMENT OF BUSINESS	2
ECON 62022	MANAGERIAL ECONOMICS	2

EHS 52018	ENVIRONMENTAL HEALTH CONCEPTS IN PUBLIC HEALTH	3
EPI 52017	FUNDAMENTALS OF PUBLIC HEALTH EPIDEMIOLOGY	3
FIN 66050	LAW AND ETHICS	2
FIN 66060	MANAGERIAL FINANCE	2
HPM 52016	PUBLIC HEALTH ADMINISTRATION	3
HPM 53010	COMMUNITY HEALTH NEEDS ASSESSMENT	3
HPM 60192	APPLIED PRACTICE EXPERIENCE IN HEALTH POLICY AND MANAGEMENT	3,6
HPM 63003	HEALTH CARE SYSTEMS	3
HPM 63006	COST BENEFIT ANALYSIS IN PUBLIC HEALTH PROGRAMS	3
HPM 63007	PUBLIC HEALTH PROGRAMS: PLANNING, IMPLEMENTATION AND EVALUATION	3
HRM 64271	HUMAN RESOURCE MANAGEMENT	2
MGMT 64158	LEADERSHIP AND MANAGERIAL ASSESSMENT	2
MGMT 68051	BUSINESS PROFESSIONAL DEVELOPMENT I ¹	1
MKTG 65051	MARKETING MANAGEMENT	2
SBS 54634	SOCIAL DETERMINANTS OF HEALTH BEHAVIORS	3
<i>Culminating Requirement</i>		
MGMT 64185	BUSINESS STRATEGY	3
PH 61199	INTEGRATIVE LEARNING EXPERIENCE	1

Minimum Total Credit Hours: 59

¹ MGMT 68051 may be waived for students with at least two years of full-time work experience.

Graduation Requirements

- Practicum placement at an approved public health agency under the guidance of a qualified preceptor (150 or 300 contact hours)
- Final portfolio/report and a seminar presentation integrating theory and practice
- Participation in at least one approved interprofessional education event; event requires students to participate at a specific time/date to be determined in consultation with the student's advisor

Full Description

The Master of Public Health degree in Public Health is designed to help students develop real-world knowledge and skills needed to pursue success in the public health industry.

The Public Health major comprises the following concentrations:

- The **Biostatistics** concentration prepares students in the quantitative science of health data collection, storage, retrieval, analysis and interpretation. Graduates are equipped to use statistical methods to design and analyze health-related surveys and experiments for improving health. The college's faculty research interests include applying biostatistical analysis to understand critical health problems. Graduates in biostatistics are in demand at hospitals, pharmaceutical companies, state and local health departments, federal health agencies and biotechnology companies to analyze the effectiveness of new drugs and interventions, identify risk factors for disease and develop effective prevention strategies.
- The **Epidemiology** concentration prepares students to analyze the distribution and determinants of disease, disabilities and death in populations. Graduates are able to apply quantitative and

qualitative methods to investigate disease outbreaks, determine causal relationships between environmental and biological factors and conduct studies to project health trends in populations. Students benefit from public health faculty research agendas in bio-preparedness, public health surveillance systems, chronic disease, cancer and infectious disease epidemiology. Career opportunities for graduates include research positions in universities, medical schools and pharmaceutical companies; disease prevention specialists in hospitals; and surveillance managers in state and local health departments.

- The **Health Policy and Management** concentration prepares students to address public health risks and develop effective health services delivery models. This concentration incorporates health services research, health policy analysis and health care planning and management. Given the active research of the college's faculty in identifying service gaps and in developing evidence-based practices and policy analysis, students emerge with strong skills in health services management, alternative models of service financing and strategies for improving services. Career opportunities for graduates include administrative and management positions in hospitals, clinics, state and local health departments, nursing homes and mental health facilities; policy analyst positions in health planning organizations and governmental agencies; and planning and management positions in health maintenance organizations and health insurance companies.
- The **Social and Behavioral Sciences** concentration provides students with an interdisciplinary approach to improve health in populations across the life course. Students learn to apply theoretical principles to design, implement and evaluate effective programs that include behavioral and environmental approaches. Graduates are able to design and evaluate public health interventions intended to improve health for families, workplaces, communities and other settings. The active research of the college's faculty—particularly in the areas of childhood obesity, violence and injury prevention, substance abuse prevention and chronic disease prevention—provides students the opportunity to work on large-scale externally funded prevention research. Students are prepared for careers in health promotion; program design and evaluation; and prevention program development for state and local health departments, workplace health promotion programs, hospitals, international health agencies, mental health centers and non-profit organizations.

Students in the M.P.H. degree have the opportunity to complete a dual degree with the Doctor of Podiatric Medicine degree. A separate application must be submitted for each program. Students can view admission requirements for each program on their respective catalog page.