PUBLIC HEALTH - PH.D.

College of Public Health
326 Lowry Hall
Kent Campus
330-672-6500
publichealth@kent.edu
www.kent.edu/publichealth

Description
The Ph.D. in Public Health comprises the following concentrations:

The Epidemiology concentration prepares students to examine the distribution and determinants of diseases in populations. Graduates of this program will be able to apply quantitative and qualitative methods to examine critical and/or emerging health issues, gain advanced ability to conduct large studies and analyze data sets in order to project health trends in populations of interest. Students in this specialization will benefit from active faculty research agendas in biopreparedness, public health surveillance systems, chronic disease, cancer and infectious disease epidemiology.

The Health Policy and Management concentration prepares students to design and implement studies and use advanced research methods to examine critical and emerging health issues. A focus on interdisciplinary skills to meet the rapidly changing health needs of communities is at the heart of this degree program. Students will benefit from active faculty research agendas in health systems research, occupational health and safety, reproductive health, HIV/AIDS, access to health care, health literacy, substance abuse prevention and community-based programming.

The Prevention Science concentration is an interdisciplinary program aimed at promoting healthy behaviors in populations across the life course. Graduates of this program are prepared to design and evaluate public health interventions and have expertise in a variety of theoretical and substantive perspectives for the purpose of conducting research within systems of the family, health and education, workplace and community. Active research of the faculty in the College of Public Health at Kent State University will provide students the opportunity to work on community-based prevention research.

FULLY OFFERED AT:

- Kent Campus

Accreditation
The College of Public Health is a fully accredited school of public health, having received accreditation from the Board of Councilors of the Council on Education For Public Health (CePH) in October 2015 for a five-year term.

Admission Requirements

- Master's degree from an accredited college/university in related discipline with a minimum graduate GPA of 3.0
- Acceptable GRE score or other standardized graduate admission exam with a quantitative component (may be waived as determined by graduate coordinator)
- Personal statement and resume

Program Learning Outcomes
Graduates of this program will be able to:

1. Analyze a particular health condition or issue including appropriate measures of prevalence, incidence, association and impact and be able to identify data sources and strengths and limitations of studies.
2. Search, synthesize, and critically evaluate published literature with regard to study design, precision, bias, confounding factors, ethical issues and gaps in existing knowledge.
3. Conceive and execute independent or team research on a public health policy, condition or issue while applying applicable ethical standards.
4. Translate theory and research into the design, implementation and evaluation of public health programs and policies.
5. Influence societal, organizational and individual factors through effective public health communication.
6. Lead collaborative efforts aimed at achieving organizational and community health goals.
7. Create evidence-based public health programs and strategies responsive to the diverse cultural values and traditions of the communities served.

Each Specialization has additional competencies.

Program Requirements

Major Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BST 52019</td>
<td>BIOSTATISTICS IN PUBLIC HEALTH</td>
<td>4</td>
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<tr>
<td>EHS 52018</td>
<td>ENVIRONMENTAL HEALTH CONCEPTS IN PUBLIC HEALTH</td>
<td>3</td>
</tr>
<tr>
<td>EPI 52017</td>
<td>FUNDAMENTALS OF PUBLIC HEALTH EPIDEMIOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>HPM 52016</td>
<td>PUBLIC HEALTH ADMINISTRATION</td>
<td>3</td>
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Core Courses - Research Tools

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BST 83014</td>
<td>APPLIED REGRESSION ANALYSIS OF PUBLIC HEALTH DATA</td>
<td>3</td>
</tr>
<tr>
<td>EPI 72028</td>
<td>METHODS OF EVIDENCE BASED PUBLIC HEALTH</td>
<td>3</td>
</tr>
<tr>
<td>HPM 72030</td>
<td>GRANT WRITING IN PUBLIC HEALTH</td>
<td>3</td>
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<tr>
<td>SBS 50020</td>
<td>SOCIAL AND BEHAVIORAL SCIENCE THEORIES</td>
<td>3</td>
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Concentrations

Choose from the following: 66

Epidemiology

English Language Proficiency Requirements for International Students: All international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning a minimum 587 TOEFL score (94 on the Internet-based version), minimum 82 MELAB score, minimum 7.0 IELTS score or minimum 65 PTE Academic score. For more information on international admission, visit the Office of Global Education’s admission website. Effective spring 2018.

For more information about graduate admission, please visit the Graduate Studies website.
Health Policy and Management
Prevention Science

Minimum Total Credit Hours: 91

Instructor permission required.

Epidemiology Concentration Requirements

[PH-PHD-EPI]

Concentration Requirements

Content Specific Method Courses

- BST 83012 SURVIVAL ANALYSIS IN PUBLIC HEALTH 3
- EPI 73026 DESIGN AND IMPLEMENTATION OF HEALTH SURVEYS 3
- EPI 73034 LONGITUDINAL DATA ANALYSIS 3
- EPI 80191 VARIABLE CONTENT SEMINAR IN EPIDEMIOLOGY 3
- EPI 83017 EPIDEMIOLOGICAL ANALYSIS 3

Content Specific Courses

Choose from the following: 9

- BST 83013 EXPERIMENTAL DESIGNS IN PUBLIC HEALTH RESEARCH
- EPI 73024 EMERGING ISSUES IN CHRONIC DISEASE EPIDEMIOLOGY
- EPI 73025 EMERGING ISSUES IN INFECTIOUS DISEASE EPIDEMIOLOGY
- EPI 73027 BIOLOGICAL BASIS OF PUBLIC HEALTH
- EPI 73029 PUBLIC HEALTH SURVEILLANCE SYSTEMS
- EPI 73033 ENVIRONMENTAL EPIDEMIOLOGY
- EPI 80195 SPECIAL TOPICS IN EPIDEMIOLOGY
- EPI 80198 DIRECTED RESEARCH IN EPIDEMIOLOGY

Content Related Electives

Content related elective courses should be selected by the student with a faculty advisor, depending upon the student’s research interest. It may occur within the College of Public Health or in other disciplines outside the college.

Dissertation

- EPI 80199 DISSERTATION I 30

Minimum Total Credit Hours: 66

Each doctoral candidate, upon admission to candidacy, must register for HPM 80199 for a total of 30 credit hours. It is expected that a doctoral candidate will continuously register for Dissertation I, and thereafter HPM 80299, each semester, including summer, until all requirements for the degree have been met.

Prevention Science Concentration Requirements

[PH-PHD-PRSC]

Concentration Requirements

Content Specific Method Courses

- SBS 73010 QUALITATIVE METHODS FOR PUBLIC HEALTH RESEARCH 3
- BST 83013 EXPERIMENTAL DESIGNS IN PUBLIC HEALTH RESEARCH
- EPI 73026 DESIGN AND IMPLEMENTATION OF HEALTH SURVEYS
- EPI 73029 PUBLIC HEALTH SURVEILLANCE SYSTEMS

Content Specific Courses

- SBS 73018 THEORIES OF PREVENTION SCIENCE I 3
- SBS 73019 THEORY PREVENTION SCIENCE II 3
- SBS 73020 ADVANCED METHODS IN PREVENTION SCIENCE 3
- SBS 80100 EMERGING ISSUES IN PREVENTION SCIENCE 3
- SBS 80198 DIRECTED RESEARCH IN PREVENTION SCIENCE 3

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Health Policy and Management Concentration Requirements

[PH-PHD-HPM]

Concentration Requirements

Content Specific Method Courses

- EPI 73026 DESIGN AND IMPLEMENTATION OF HEALTH SURVEYS 3
- EPI 83017 EPIDEMIOLOGICAL ANALYSIS
- EPI 73029 PUBLIC HEALTH SURVEILLANCE SYSTEMS 3
- HPM 73031 PUBLIC HEALTH POLICY ANALYSIS 3
- HPM 72015 EMERGING ISSUES IN PUBLIC HEALTH POLICY AND MANAGEMENT 3

Minimum Total Credit Hours: 66

Each doctoral candidate, upon admission to candidacy, must register for HPM 72015 for a total of 30 credit hours. It is expected that a doctoral candidate will continuously register for Dissertation I, and thereafter HPM 80299, each semester, including summer, until all requirements for the degree have been met.