

# PUBLIC HEALTH, MPH

The Master of Public Health degree prepares students for a diverse field that attracts professionals from various educational backgrounds. These professionals serve local, state, regional, and global communities to improve health and prolong lives of various populations. Public health professionals collaborate with clinicians, health care agencies, and community members to identify resources to help mitigate health issues and prevent future health problems. The Master of Public Health program is designed for students who are interested in pursuing a career in public health and for those who want to apply public health competencies to enhance their professional goals. Graduates are prepared for various work environments, such as government agencies, academia, healthcare institutions, public health interest groups, non-profit organizations, and entrepreneurial endeavors.

Upon successful completion of the program, graduates will be able to:

1. Compare the organization, structure, and function of health care, public health, and regulatory systems across national and international settings.
2. Evaluate the means by which structural bias, social inequities, and racism undermine health and create challenges to achieving health equity at organizational, community and systemic levels.
3. Apply epidemiological methods to settings and situations in public health practice.
4. Analyze and interpret quantitative and qualitative data using biostatistics, informatics, computer-based programming, and software.
5. Assess population needs, assets, and capacities that affect communities' health.
6. Apply awareness of cultural values and practices to design, implementation, and evaluation of public health programs and policies.
7. Design strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes.
8. Evaluate policies for their impact on public health and health equity. Apply negotiation and mediation skills to address organizational or community challenges.
9. Analyze roles of ethics and evidence in the policy-making process.
10. Develop and communicate culturally competent and audience-appropriate (i.e., non-academic, non-peer audience) public health content, both in writing and through oral presentation.
11. Integrate perspectives from other sectors and/or professions to promote and advance population health.
12. Apply a systems thinking tool to visually represent a public health issue in a format other than standard narrative.

## MPH Required Core Courses

Code	Title	Credits
PH-601	Public Health Systems and Practice	3
PH-605	Behavioral and Social Aspects of Public Health	3
PH-640	Environmental and Occupational Health	3
PH-650	Health Policy and Management	3
PH-660	Principles of Biostatistics	3
PH-690	Global Health	3
PH-705	Principles of Epidemiology	3

PH-780	Internship in Public Health	3
KG-604	Graduate Research & Critical Analysis	3
Subtotal		27
Concentration Courses		18
<b>Total Credits</b>		<b>45</b>

## Concentration in Community Health

Code	Title	Credits
<b>Community Health Concentration Courses</b>		
PH-620	Health Promotion and Education in Diverse Communities	3
PH-655	Community Health Program Planning And Development	3
PH-710	Public Health Nutrition	3
PH-770	Research Methods in Public Health	3
PH-760 or PH-790	Thesis Proposal Public Health Capstone I	3
PH-765 or PH-795	Thesis Data Analysis and Interpretation Public Health Capstone II	3
Foundation Core (Statistics) <sup>1</sup>		
<b>Total Credits</b>		<b>18</b>

## Concentration in Health Administration and Leadership

Code	Title	Credits
HA-625	Health Care Information Systems	3
PH-670	Finance and Economics in Public Health	3
PH-685	Public Health Policy and Law	3
PH-770	Research Methods in Public Health	3
PH-760 or PH-790	Thesis Proposal Public Health Capstone I	3
PH-765 or PH-795	Thesis Data Analysis and Interpretation Public Health Capstone II	3
Foundation Core (Statistics) <sup>1</sup>		
<b>Total Credits</b>		<b>18</b>

## Concentration in Biostatistics and Epidemiology

Code	Title	Credits
<b>Biostatistics and Epidemiology Concentration Courses</b>		
PH-661	Biostatistics II	3
PH-771	Epidemiological Research Methods I	3
PH-772	Epidemiological Research Methods II	3
PH-775	Public Health Geographic Information Systems	3
PH-776	Public Health Surveillance Methods	3
PH-785	Culminating Experience in Public Health	3
Foundation Core (Statistics) <sup>1</sup>		
<b>Total Credits</b>		<b>18</b>

<sup>1</sup> **A one-credit Foundation Core course may be required:**  
KG-583 Statistics Foundations

**Must receive a "P" (Pass) grade for Foundation Course credit, or have received a grade of "C" or better to receive transfer credits for the equivalent undergraduate coursework.**

## Recommended Sequence MPH with Concentration in Community Health

Course	Title	Credits
<b>Semester 1</b>		
KG-604	Graduate Research & Critical Analysis	3
PH-601	Public Health Systems and Practice	3
PH-660	Principles of Biostatistics	3
<b>Credits</b>		<b>9</b>
<b>Semester 2</b>		
PH-605	Behavioral and Social Aspects of Public Health	3
PH-640	Environmental and Occupational Health	3
PH-705	Principles of Epidemiology	3
<b>Credits</b>		<b>9</b>
<b>Semester 3</b>		
PH-650	Health Policy and Management	3
PH-690	Global Health	3
PH-770	Research Methods in Public Health	3
<b>Credits</b>		<b>9</b>
<b>Semester 4</b>		
PH-620	Health Promotion and Education in Diverse Communities	3
PH-655	Community Health Program Planning And Development	3
PH-760 or PH-790	Thesis Proposal <sup>1</sup> or Public Health Capstone I	3
<b>Credits</b>		<b>9</b>
<b>Semester 5</b>		
PH-710	Public Health Nutrition	3
PH-765 or PH-795	Thesis Data Analysis and Interpretation <sup>1</sup> or Public Health Capstone II	3
PH-780	Internship in Public Health	3
<b>Credits</b>		<b>9</b>
<b>Total Credits</b>		<b>45</b>

## Recommended Sequence MPH with Concentration in Health Administration And Leadership

Course	Title	Credits
<b>Semester 1</b>		
KG-604	Graduate Research & Critical Analysis	3
PH-601	Public Health Systems and Practice	3
PH-660	Principles of Biostatistics	3
<b>Credits</b>		<b>9</b>
<b>Semester 2</b>		
PH-605	Behavioral and Social Aspects of Public Health	3
PH-640	Environmental and Occupational Health	3
PH-705	Principles of Epidemiology (Prerequisites PH-660)	3
<b>Credits</b>		<b>9</b>
<b>Semester 3</b>		
PH-650	Health Policy and Management	3
PH-690	Global Health	3
PH-770	Research Methods in Public Health	3
<b>Credits</b>		<b>9</b>
<b>Semester 4</b>		
HA-625	Health Care Information Systems	3

PH-670	Finance and Economics in Public Health	3
PH-760 or PH-790	Thesis Proposal <sup>1</sup> or Public Health Capstone I	3
<b>Credits</b>		<b>9</b>
<b>Semester 5</b>		
PH-685	Public Health Policy and Law	3
PH-765 or PH-795	Thesis Data Analysis and Interpretation <sup>1</sup> or Public Health Capstone II	3
PH-780	Internship in Public Health	3
<b>Credits</b>		<b>9</b>
<b>Total Credits</b>		<b>45</b>

## Recommended Sequence MPH with Concentration in Biostatistics and Epidemiology

Course	Title	Credits
<b>Semester 1</b>		
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PH-601	Public Health Systems and Practice	3
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PH-661	Biostatistics II	3
PH-705	Principles of Epidemiology	3
<b>Credits</b>		<b>9</b>
<b>Semester 3</b>		
PH-650	Health Policy and Management	3
PH-690	Global Health	3
PH-771	Epidemiological Research Methods I	3
<b>Credits</b>		<b>9</b>
<b>Semester 4</b>		
PH-640	Environmental and Occupational Health	3
PH-772	Epidemiological Research Methods II	3
PH-776	Public Health Surveillance Methods	3
<b>Credits</b>		<b>9</b>
<b>Semester 5</b>		
PH-775	Public Health Geographic Information Systems	3
PH-780	Internship in Public Health	3
PH-785	Culminating Experience in Public Health <sup>2</sup>	3
<b>Credits</b>		<b>9</b>
<b>Total Credits</b>		<b>45</b>

<sup>1</sup> Prior approval from Dean required.

<sup>2</sup> Must be taken in final semester