

Master of Public Health Program – Summary of Assessment Data 2015

MPH Degree Assessment – Core Courses

Biostatistics 1. Apply descriptive and inferential methodologies for testing specific public health or research hypotheses according to the type of study design and measurement scale.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
9	2011 - 2012	0	1	7	1
31	2012 - 2013	0	10	18	3
21	2013 - 2014	0	7	11	3
17	2014 - 2015	0	5	11	1

Biostatistics 2. Apply basic informatics techniques in the acquisition of public health data and in the analysis of survey and experiential designs

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
9	2011 - 2012	0	1	6	2
31	2012 - 2013	0	6	23	2
21	2013 - 2014	0	6	12	3
17	2014 - 2015	0	4	12	1

Environmental Health 1. Describe genetic, social and psychological factors that affect health outcomes following exposure to environmental hazards.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
9	2011 - 2012	0	2	4	3
31	2012 - 2013	0	6	25	0
21	2013 - 2014	0	4	14	3
17	2014 - 2015	0	0	15	2

Environmental Health 2. Explain the general mechanisms of toxicity in eliciting an adverse response to various environmental exposures.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
8	2011 - 2012	0	1	5	2
31	2012 - 2013	0	7	23	1
21	2013 - 2014	0	4	16	1
17	2014 - 2015	0	1	15	1

Environmental Health 3. Describe current environmental risk assessment methods, and be able to specify approaches for assessing, preventing, and controlling environmental hazards that pose risks to...

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
8	2011 - 2012	0	0	5	3
31	2012 - 2013	0	4	24	3
21	2013 - 2014	0	3	16	2
17	2014 - 2015	0	0	15	2

Epidemiology 1. Properly calculate and use measures of disease, injuries, and death in human populations (e.g., prevalence, incidence, relative risk, attributable risk, population attributable risk...

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
9	2011 - 2012	0	0	8	1
31	2012 - 2013	0	4	23	4
21	2013 - 2014	0	1	16	4
17	2014 - 2015	0	2	14	1

Epidemiology 2. Draw appropriate inferences from epidemiologic data, and identify the data's strengths and limitations.					
# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
9	2011 - 2012	0	1	7	1
31	2012 - 2013	0	5	19	7
21	2013 - 2014	0	4	11	6
17	2014 - 2015	0	0	13	4
Epidemiology 3. Comprehend basic ethical and legal principles pertaining to the collection, maintenance, use, and dissemination of epidemiological data.					
# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
9	2011 - 2012	0	0	7	2
31	2012 - 2013	0	4	22	5
21	2013 - 2014	0	1	12	8
17	2014 - 2015	0	1	13	3
Health Services Administration 1. Recognize how the roles and interaction between various stakeholders in the healthcare system (including health care providers, other members of the healthcare workforce, consumers of healthcare, etc.) impact the accessibility of healthcare.					
# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
9	2011 - 2012	0	0	7	2
31	2012 - 2013	0	2	21	8
21	2013 - 2014	0	0	17	4
17	2014 - 2015	0	0	12	5
Health Services Administration 2. Describe the demographic trends which impact healthcare, and in turn, public health in the United States.					
# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
9	2011 - 2012	0	0	7	2
31	2012 - 2013	0	3	23	5
21	2013 - 2014	0	0	18	3
17	2014 - 2015	0	0	15	2
Social and Behavioral Sciences 1. Identify basic theories, concepts, and models from a range of social and behavioral disciplines that are used in public health intervention and policies.					
# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
9	2011 - 2012	0	0	6	3
31	2012 - 2013	0	3	18	10
21	2013 - 2014	0	1	17	3
17	2014 - 2015	0	0	13	4
Social and Behavioral Sciences 2. Identify the causes of social and behavioral factors that affect the health of individuals and populations with specific emphasis on underserved populations.					
# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
9	2011 - 2012	0	0	6	3
31	2012 - 2013	0	2	20	9
21	2013 - 2014	0	0	19	2
17	2014 - 2015	0	0	12	5
Integration. Demonstrate the ability to integrate knowledge and skills to solve problems and to produce scholarly work in a culminating experience in the form of a thesis, report, and/or community-based field project.					
# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
9	2011 - 2012	0	0	6	3
31	2012 - 2013	0	5	17	9
21	2013 - 2014	0	2	15	4
17	2014 - 2015	0	0	12	5

MPH Degree Assessment – Food Safety and Biosecurity (FSB) Emphasis Area

FSB 1. Describe the challenges and solutions for food safety, biosecurity, and defense issues in the food production continuum.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
0	2011 - 2012	0	0	0	0
2	2012 - 2013	0	0	1	1
0	2013 - 2014	0	0	0	0
0	2014 - 2015	0	0	0	0

FSB 2. Categorize specific threats to the food system and scientifically identify how each can be prevented, controlled, and/or mitigated in the food production system.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
0	2011 - 2012	0	0	0	0
2	2012 - 2013	0	0	1	1
0	2013 - 2014	0	0	0	0
0	2014 - 2015	0	0	0	0

FSB 3. Identify and categorize risks in the food system; Describe approaches to assessing and managing risk in the food system.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
0	2011 - 2012	0	0	0	0
2	2012 - 2013	0	0	1	1
0	2013 - 2014	0	0	0	0
0	2014 - 2015	0	0	0	0

FSB 4. Describe how food safety and biosecurity policies, globalization, and international trade influence public health.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
0	2011 - 2012	0	0	0	0
2	2012 - 2013	0	0	0	2
0	2013 - 2014	0	0	0	0
0	2014 - 2015	0	0	0	0

FSB 5. Develop and illustrate effective strategies to communicate public health/food safety issues to a variety of audiences.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
0	2011 - 2012	0	0	0	0
2	2012 - 2013	0	0	0	2
0	2013 - 2014	0	0	0	0
0	2014 - 2015	0	0	0	0

MPH Degree Assessment – Infectious Diseases and Zoonoses (IDZ) Emphasis Area

IDZ 1. Understand and be able to describe the ecology and modes of disease causation of infectious agents such as bacteria, viruses, parasites, and fungi.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
7	2011 - 2012	0	0	6	1
20	2012 - 2013	0	3	13	4
17	2013 - 2014	0	2	8	7
10	2014 - 2015	0	0	7	3

IDZ 2. Describe the current understanding of host immune response to infection and the understand role of vaccination in infectious disease control.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
7	2011 - 2012	0	0	6	1
20	2012 - 2013	0	4	15	1
17	2013 - 2014	0	2	11	4
10	2014 - 2015	0	0	7	3

IDZ 3. Understand the influence of space/geography, insect vectors, toxic plants and other toxin sources, as well as infectious agents on infectious disease and food safety.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
7	2011 - 2012	0	0	4	3
20	2012 - 2013	0	2	13	5
17	2013 - 2014	0	1	13	3
10	2014 - 2015	0	0	7	3

IDZ 4. Understand how disease events and risk factors for disease are quantified and compared.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
7	2011 - 2012	0	0	5	2
20	2012 - 2013	0	2	12	6
17	2013 - 2014	0	2	11	4
10	2014 - 2015	0	0	6	4

IDZ 5. Develop and demonstrate effective strategies to communicate public health/infectious disease issues to a variety of audiences.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
7	2011 - 2012	0	0	4	3
20	2012 - 2013	0	0	12	8
17	2013 - 2014	0	1	9	7
10	2014 - 2015	0	0	7	3

MPH Degree Assessment – Public Health Nutrition (PHN) Emphasis Area

PHN 1. Demonstrate information literacy through the acquisition of public health nutrition knowledge and skills necessary to locate, understand, and evaluate and use that information efficiently and effectively for public health practice.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
2	2011 - 2012	0	0	0	2
4	2012 - 2013	0	0	0	4
2	2013 - 2014	0	0	1	1
5	2014 - 2015	0	0	3	2

PHN 2. Translate research into practice through skills in nutrition surveillance, policy, program planning and evaluation, management, information dissemination and oral and written communication.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
2	2011 - 2012	0	0	0	2
4	2012 - 2013	0	0	0	4
2	2013 - 2014	0	0	1	1
5	2014 - 2015	0	0	3	2

PHN 3. Utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation and administration of population-based food, nutrition and health services.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
2	2011 - 2012	0	0	0	2
4	2012 - 2013	0	0	0	4
2	2013 - 2014	0	0	1	1
6	2014 - 2015	0	0	4	2

PHN 4. Integrate knowledge of human nutrition principles with epidemiological concepts in order to improve population health and reduce disease risk.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
2	2011 - 2012	0	0	0	2
5	2012 - 2013	0	0	3	2
2	2013 - 2014	0	0	1	1
5	2014 - 2015	0	0	2	3

PHN 5. Develop and illustrate effective strategies to communicate public health/nutrition issues to a variety of audiences.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
2	2011 - 2012	0	0	1	1
4	2012 - 2013	0	0	0	4
2	2013 - 2014	0	0	1	1
5	2014 - 2015	0	0	4	1

MPH Degree Assessment – Public Health Physical Activity (PHPA) Emphasis Area**PHPA 1. Develop evidence-based knowledge of the relationship between physical activity and population health.**

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
0	2011 - 2012	0	0	0	0
5	2012 - 2013	0	1	1	3
2	2013 - 2014	0	0	2	0
2	2014 - 2015	0	0	1	1

PHPA 2. Understand how social, behavioral and cultural factors contribute to participation in physical activity.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
0	2011 - 2012	0	0	0	0
5	2012 - 2013	0	1	2	2
2	2013 - 2014	0	0	1	1
3	2014 - 2015	0	0	1	2

PHPA 3. Understand how social and behavioral theory and frameworks are used in programs designed to promote physical activity in community settings.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
0	2011 - 2012	0	0	0	0
5	2012 - 2013	0	1	2	2
2	2013 - 2014	0	0	2	0
2	2014 - 2015	0	0	0	2

PHPA 4. Develop skills for creating and evaluating physical activity interventions in diverse community settings.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
0	2011 - 2012	0	0	0	0
5	2012 - 2013	0	1	1	3
2	2013 - 2014	0	0	2	0
2	2014 - 2015	0	0	1	1

PHPA 5. Develop the ability to collaboratively communicate with public health officials and other community partners to promote physical activity in community settings.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
0	2011 - 2012	0	0	0	0
5	2012 - 2013	0	1	1	3
2	2013 - 2014	0	0	2	0
2	2014 - 2015	0	0	0	2

PHPA 6. Understand exercise physiology and related exercise science.

# of Students Assessed	Year	Does not meet expectations	Some weakness	No weakness	Clearly exceeds expectations
0	2011 - 2012	0	0	0	0
5	2012 - 2013	0	2	3	0
2	2013 - 2014	0	0	2	0
2	2014 - 2015	0	0	2	0