

# MPH - MASTER OF PUBLIC HEALTH

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## **MPH 6000 Capstone Comprehensive Exam / Thesis Defense (0-0-0)**

Pre-requisite – Departmental/Advisor approval. Satisfactory grade indicates successful completion of exit exam or defense of thesis.

### **Restriction(s):**

Enrollment limited to students in the Department Prerequisite college.

## **MPH 6105 Foundations in Public Health (3-0-3)**

Pre-requisite – Admission to Master of Public Health Program This course will introduce students to the foundational principles, theories, and models associated with the public health profession. Students will explore the public health system and essential services from local, state, and federal perspectives to understand the role of each agency as they function to address community health initiatives. Students will also become aware of the competencies associated with the public health profession. Information will be applied to addressing current public health problems.

## **MPH 6106 Public Health Administration (3-0-3)**

Pre-requisite – Admission to Master of Public Health Program This course will focus on the formulation, analysis and implementation of public health policy and the organization, administration, management and evaluation of health care programs. Topics will include resource allocation, budget management, and leadership within program and policy development. There will be an emphasis on application of course material.

## **MPH 6107 Environmental Health Issues (3-0-3)**

Pre-requisite – Admission to Master of Public Health Program This course explores the influence of humans on the environment as well as environmental impact on human health. Emphasis will be placed on a review of basic public health practices as they relate to disease causation and prevention in the environment.

### **Restriction(s):**

Enrollment is limited to Graduate Level level students.

## **MPH 6108 Epidemiology (3-0-3)**

This course will examine basic principles of epidemiology. Application of these principles to make data-informed executive decisions concerning health care resource allocation of products and services based on disease outbreaks, morbidity, and mortality among human populations will be emphasized.

### **Restriction(s):**

Enrollment limited to students in a Master in Public Health degree.

## **MPH 6109 Public Health Planning & Evaluation (3-0-3)**

This course will introduce students to the knowledge and skills needed in order to conduct various types of evaluation that are required for the planning, implementation, and assessment of community health programs and policy. Students will apply multiple types of quantitative and qualitative data used in program planning, implementation, and evaluation.

### **Restriction(s):**

Enrollment is limited to Graduate Level level students.

## **MPH 6111 Biostatistics (3-0-3)**

This course will provide a foundation for statistical methods used in public health practice and research. Emphasis will be on application of appropriate methods and interpretation of results. Examples and problems from public health settings will be included. Statistical software will be used to analyze data. Topics covered will include methods of summarizing data and estimation and hypothesis testing techniques, including the t-test, the chi-square test, the analysis of variance, correlation analysis, and linear regression.

### **Restriction(s):**

Enrollment limited to students in a Master in Public Health degree.

## **MPH 6112 Research Methods in Public Health (3-0-3)**

This course will prepare students to critically evaluate the current research and to conduct independent research related to public health. The research process is covered including how to: conduct a literature review, develop a research question based on current literature, design a research study to address a current public health problem, collect and analyze data, interpret results, and disseminate/apply research findings.

### **Restriction(s):**

Enrollment is limited to Graduate Level level students.

## **MPH 6117 Social and Behavioral Determinants of Health (3-0-3)**

This course will explore the interactions between personal behaviors, the social environment, and health status. These relationships will be discussed from a theoretical perspective. There will be an emphasis on practical application of course material to real-world issues to promote health, reduce disease risk, and address health disparities.

### **Restriction(s):**

Enrollment is limited to Graduate Level level students.

## **MPH 6185 Contemporary Issues in Women's Health (3-0-3)**

This course will explore contemporary issues related women's health. Topics covered will vary depending on the current relevant issues. There will be an emphasis on topics that contribute to health disparities in women. The impacts of Individual behaviors, social factors, environmental influences, and policy will be discussed. Ways to improve women's health through educational intervention, advocacy, and policy will also be covered.

### **Restriction(s):**

Enrollment is limited to Graduate Level level students.

## **MPH 6186 Maternal & Child Health (3-0-3)**

This course will explore the issues of maternal and child health in the nation as they pertain to the epidemic of obesity and diabetes, child safety, child development, maternal mortality, and infectious disease trends.

### **Restriction(s):**

Enrollment limited to students in a Master in Public Health degree.

## **MPH 6187 Adolescent Health (3-0-3)**

Pre-requisite – Admission to Master of Public Health Program. This course will provide a comprehensive review of the influential factors related to youth and teen health status. There will be a focus on the examination of public health models and theories associated with youth behaviors. Students will apply public health policies, programs and practices to adolescent health issues.

## **MPH 6188 International Family Health Programs (3-0-3)**

Pre-requisite – Admission to Master of Public Health Program. This course will introduce students to the various components that contribute to comprehensive global health programs for children, women, and other underserved populations. A review of the differences that exist among health care systems from organizations around the world will be addressed.

**MPH 6189 Rural Health Issues (3-0-3)**

This course will provide students with a comprehensive overview of issues pertaining to health disparities of rural populations. Examination of current programs and policies, relevant literature, public health practice, and quantitative and qualitative research pertaining to the health and well-being of rural populations.

**Restriction(s):**

Enrollment limited to students in a Master in Public Health degree.

**MPH 6698 Practicum in Public Health (0-0-(1-3))**

Practical experience in public health in an approved public health related agency. At least 80 contact hours expected per credit hour.

**Repeatability:** Repeatable for credit up to 2 times or 3 hours.

**Restriction(s):**

Enrollment limited to students in the Department Prerequisite college.

**MPH 6795 Seminar in Public Health Ethics (3-0-3)**

This course will address the various healthcare policies as they pertain to human rights, public health practice, and bioethical issues that may potentially impact human well-being from a national and international perspective.

**Restriction(s):**

Enrollment limited to students in a Master in Public Health degree.

**MPH 6981 Capstone Thesis Research/Project Report (0-0-(1-3))**

Completion of a capstone thesis research, program planning, program development, program evaluation, or analysis project and paper. Results of the project should result in professional presentation and / or manuscript submission.

**Repeatability:** Repeatable for credit up to 2 times or 3 hours.

**Restriction(s):**

Enrollment limited to students in the Department Prerequisite college.