

# Public Health (PH) - Courses

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## Courses

+PH 200 Cr.3

### Introduction to Public Health

This course serves as an introduction to the past, present, and future of public health. The course covers multiple issues including analytical methods, biomedical basis of disease, social and behavioral factors, and environmental health. Students examine what those issues are, what determines them, and how they can be addressed. As a survey of the entire field of public health, students explore persistent health disparities, determinants of health, and public health in an era of globalization. Offered Fall, Spring, Summer.

PH 204 Cr.3

### Introduction to Global Health

This course introduces participants to global health through its history, definition, determinants, and development as a field of study. The inter-connection between health problems in developed and developing countries and the interdisciplinary approach necessary to understand and address health problems and issues will be emphasized. Students will learn about the health status in regions of the world and various populations within those regions, and they will be able to suggest how health indicators are likely to change over time and explain why. They will also develop a basic understanding of the methods used to assess population health, and be able to discuss why some populations are healthier than others and what can be done to reduce health disparities. Offered Fall, Spring.

PH 335 Cr.3

### Environmental Health

This course will examine the interdisciplinary and global impacts of human-environment relationships. Emphasis is placed on the critical nature of our understanding these relationships in order to improve ecosystem health, human health and well-being, global economics and sustainability. Politics, economics, science, technology, human behavior (both individual and collective), history, ethics, and the media are examined for the purpose of improving the quality of life for all people through the creation of a sustainable global society. The science, methods and processes of environmental health will be considered. The role of environmental health in public and population health will be examined. Prerequisite: admission to the public health and community health education major or an environmental studies minor. Offered Fall, Spring.

PH 340 Cr.3

### Epidemiology and Human Disease Prevention

This course provides an introduction to epidemiology as a basic science for public health. It will address the principles of the quantitative approach to public health. The course will introduce measures of frequency and association, introduce the design and validity of epidemiologic research, and give an overview of appropriate data analysis for understand population health. An introduction to the skills needed by public health professionals to interpret critically the epidemiologic literature. The influence of epidemiology on legal and ethical issues will be presented. Prerequisite: admission to the public health and community health education, school health education major, or healthcare analytics management minor. Offered Fall, Spring.

PH 498 Cr.1-15

### Community Health Education Preceptorship

Professional experience in a community health education setting for a full semester. The student works under faculty supervision with a professional in health education/health promotion who serves as a mentor. Repeatable for credit - maximum 15. Prerequisite: successful completion of all program course requirements; recommendation of the department; major GPA of 2.75. Consent of department. Offered Fall, Spring, Summer.