

PUBLIC HEALTH

Program Director: Kimberly Campbell-Voytal
Undergraduate Academic Advisor: Ranae Hamama
<http://clas.wayne.edu/public-health>

The College of Liberal Arts and Sciences and the School of Medicine offers training in public health issues and policies to students interested in a broad range of health careers. Students will learn to ask questions, challenge assumptions, and explore answers to promote the health and well-being of communities locally, nationally and globally. In particular, students will learn about:

- How to protect and improve community and population health through the promotion of healthy lifestyles
- Research for disease and injury prevention
- Research on health disparities and healthcare equity
- Public health practice
- Community and organizational dynamics
- Cultural contexts within which public health professionals work
- Ethical decision-making as related to community health
- Epidemiology
- Biostatistics
- Research methods

Students wishing to pursue the major or minor in Public Health should meet with the Program Director or Undergraduate Academic Advisor in Public Health.

- Public Health (B.S.) (<http://bulletins.wayne.edu/undergraduate/college-liberal-arts-sciences/public-health/public-health-bs>)
- Public Health Minor (<http://bulletins.wayne.edu/undergraduate/college-liberal-arts-sciences/public-health/public-health-minor>)
- Public Health AGRADE (<http://bulletins.wayne.edu/undergraduate/college-liberal-arts-sciences/public-health/aggregate>)

PH 2100 Introduction to Public Health Cr. 3

Satisfies General Education Requirement: Life Sciences, Natural Scientific Inquiry

Provides both an overview of the principles and practice of public health and basic information needed to understand and analyze a variety of individual-level and population-level health problems. This course is intended for students with no previous course work in public health. Offered Every Term.

PH 3050 Mental Health and Crime Cr. 3

Provides a comprehensive overview of the issues and challenges located at the intersection of mental health/illness and the criminal justice system. Attention will be focused on a range of topics, including, but not limited to, the definition of mental illness, deinstitutionalization and criminalization of the mentally ill, the impact of mental illness on criminal proceedings, treatment/intervention effectiveness, and the reentry/reintegration of mentally ill individuals. Offered Fall.

PH 3100 Social and Behavioral Aspects of Public Health Cr. 3

Satisfies General Education Requirement: Social Inquiry, Social Sciences
Examines the social and behavioral aspects of health, illness, and health care, and help students develop a basic understanding of the societal factors that influence health status and public health interventions. Offered Winter.

PH 3200 Introduction to Biostatistics Cr. 4

Provides an introduction to statistical methods used in biological and medical research and covers elementary probability theory, basic concepts of statistical inference, sampling theory, regression and correlation methods, analysis of variance, and study design. In addition, the course will examine statistical applications in biomedicine, epidemiology, public health and the life sciences. Offered Winter.
Prerequisites: PH 2100 with a minimum grade of C and MAT 1800 with a minimum grade of C or STA 1020 with a minimum grade of C or MAT Permit to Reg ACT/SAT with a test score minimum of 4 or Math Permit to Reg - L1-L4 with a test score minimum of 4

PH 3300 Epidemiology Cr. 4

Introduces the basic concepts of epidemiology as applied to public health problems. Emphasis is placed on the principles and methods of epidemiologic investigation, including the appropriate summaries, displays, and analysis of data, and the use of classical statistical and other methodological approaches to describe the health of populations. Offered Fall.

Prerequisites: PH 2100 with a minimum grade of C and MAT 1800 with a minimum grade of C or STA 1020 with a minimum grade of C or MAT Permit to Reg ACT/SAT with a test score minimum of 4 or Math Permit to Reg - L1-L4 with a test score minimum of 4

PH 3410 Global Health Cr. 3

Satisfies General Education Requirement: Global Learning Inquiry, Social Inquiry, Social Sciences

Introduces students to problems of disease and disorder worldwide and looks at various efforts to define and address these problems through a social science perspective. Offered Biannually.

Equivalent: ANT 3410, GLS 3410

PH 3600 Special Topics in Public Health Cr. 3

Topics may include but are not limited to an examination of health in families, health in the workplace, health across the life course, health of urban communities, community health interventions, access to health care, and health services administration. Offered Fall, Winter.

Repeatable for 6 Credits

PH 4050 Crime and Public Health Cr. 3

Introduces students to the interface between public health and criminal justice in the United States, focusing on different aspects of the relationship. It will first describe the newly emerged epidemiological criminology, and then analyze a variety of topics on crime and public health, including, but not limited to, the health of incarcerated populations, the health of criminal justice professionals, health consequences of crime and risk behaviors, public health and law, gangs and gang violence, mental health and substance abuse, environmental justice, and public health interventions with criminal justice populations. Offered Winter.

PH 4100 Public Health Principles and Practice Cr. 2

This required course examines practice-based approaches to improve public health. The focus will be on learning methods for community health improvement, from assessment to finding and implementing evidence-based public health interventions. Offered Fall, Winter.

Prerequisites: PH 2100 with a minimum grade of C and PH 3100 with a minimum grade of C and PH 3200 with a minimum grade of C and PH 3300 with a minimum grade of C

Corequisite: PH 4150

Restriction(s): Enrollment is limited to students with a major in Public Health or Public Health Honors.

PH 4150 Public Health Practicum Cr. 2

This required course is a practice-based experience that provides a hands-on, diverse approach to learning about public health practice. Students will complete a 90-hour practicum experience in a local community organization or other public health setting. Offered Fall, Winter.

Prerequisites: PH 2100 with a minimum grade of C and PH 3100 with a minimum grade of C and PH 3200 with a minimum grade of C and PH 3300 with a minimum grade of C

Corequisite: PH 4100

Restriction(s): Enrollment is limited to students with a major in Public Health or Public Health Honors.

PH 4300 Environmental Health Cr. 3

Using a public health perspective, the course will provide students with an overview of the key areas of environmental health, and it will cover factors associated with the development of environmental health problems. Students will gain a system-level understanding of the interaction of individuals and communities with the environment, the potential impact of environmental agents on population, and specific applications of public health concepts to environmental health. Offered Fall, Winter.

PH 4400 Methodological Approaches in Public Health Cr. 4

This course provides students with a review of methodological approaches in public health. Students will analyze the benefits and costs of each methodological approach, and how to best apply each method in real-world settings. Students will also critically assess scientific literature in core areas of public health. The content and assignments for this course are designed to prepare students for the Capstone Course (PH 5100). Offered Fall, Winter.

Prerequisites: PH 2100 with a minimum grade of C and PH 3100 with a minimum grade of C and PH 3200 with a minimum grade of C and PH 3300 with a minimum grade of C

Restriction(s): Enrollment is limited to students with a major in Public Health or Public Health Honors.

PH 4600 Special Topics in Health Disparities Cr. 3

Topics may include but are not limited to an examination of health disparities by race or ethnicity, gender, income, age, nationality, or residential location. Offered Fall, Winter.

Repeatable for 6 Credits

PH 4900 Directed Study in Public Health Cr. 1-3

Course requirements include directed readings and participation in public health research, under the direct supervision of a faculty member affiliated with the Bachelors in Public Health program. Offered Every Term.

Repeatable for 3 Credits

PH 5100 Capstone Course in Public Health Cr. 4

Satisfies General Education Requirement: Writing Intensive Competency

This capstone course provides the culminating curricular experience for students enrolled in Wayne State's Bachelor's program in Public Health. A major part of the final course grade is based on the student's completion of an individualized capstone project. Offered Winter.

Prerequisites: PH 2100 with a minimum grade of C and PH 3100 with a minimum grade of C and PH 3200 with a minimum grade of C and PH 3300 with a minimum grade of C and PH 4100 with a minimum grade of C and PH 4150 with a minimum grade of C and PH 4400 with a minimum grade of C