

Program in Applied Public Health Sciences

Fall 2019 Course Schedule Registration begins March 25, 2019

Course #	Course Name	Location
Monday		
PUBH 5202-F40	Eliminating Social Inequity and Health Disparities	Classroom A1 ^a
PUBH 5414-F40	Health Economics	Suite 2100, Large Conf Room ^b
PUBH 5431-F40	Public Health Research Methods	Classroom C8 ^a
PUBH 5440-F40	Public Health Issues in Genetics	U3071 A/B ^b
PUBH 5497-F40	Principles of Interprofessional Public Health Practice	U3071 A/B ^b
Tuesday		
PUBH 5403-F40	Health Administration, Farmington	Patterson Auditorium ^a
PUBH 5403-001	Health Administration, Storrs	Rowe 320 ^c
PUBH 5497-F41	Public Health Ethics	Suite 2100, Large Conf Room ^b
Wednesday		
PUBH 5406-F40	Law and Public Health, Farmington	The Rotunda ^a
PUBH 5406-001	Law and Public Health, Storrs	Rowe 320 ^c
PUBH 5432-F40	SAS Programming and Data Management	U3071 A/B ^b
PUBH 5477-F40	Food, Health and Politics	Classroom A1 ^a
PUBH 5497-F42	Multivariate Approaches to Interpreting Public Health Data	U3071 A/B ^b
Thursday		
PUBH 5408-F40	Intro to Epidemiology and Biostatistics I, Farmington	Patterson Auditorium ^a
PUBH 5408-001	Intro to Epidemiology and Biostatistics I, Storrs	Rowe 320 ^c
PUBH 5452-F40	Injury and Violence Prevention	U3071 A/B ^b
PUBH 5497-F43	Global Health Promotion and Intervention	U3071 A/B ^b
Variable days		
PUBH 5407-F40	Practicum in Public Health	
PUBH 5495-F40	Independent Study in Public Health	
PUBH 5497-F44	Systems, Strategies & Solutions – Interprofessional Service Collaborative	
PUBH 5498-F40	Field Experience in Public Health Systems	
PUBH 5499-F40	Capstone Project in Public Health	
PUBH 6490-F40	Public Health Doctoral Research Seminar	
GRAD 5950	Master's Thesis Research	
GRAD 5998-F10	Special Readings	
GRAD 5999-F10	Thesis Research	
Online		
PUBH 5478-F40	Epidemiology of Substance Use Disorders & Psychiatric Co-Morbidities	
PUBH 5480-F40	Clinical & Social Service Systems Research in Alcohol & Addiction Science	
PUBH 5501-F40	Foundations of Public Health and Disability	
PUBH 5503-F40	Disability Law, Policy, Ethics & Advocacy	

^aUConn Health Academic Building

^bUConn Health 195 Farmington Avenue

^cUConn Storrs

Public Health Course Descriptions

Mondays, 8/26/19 – 12/9/19

PUBH 5202- F40 Eliminating Social Inequality and Health Disparities 3 credits
(16672) UCONN Health Farmington

Examination of the evidence for structural, community, and individual-level interventions to reduce the impact of inequity on health and health care utilization. Identification and implementation of multi-level interventions that may reduce inequities by altering the social, economic, and other structural aspects of the environment. It will also address challenges of implementation and ways to reduce potential barriers. The course builds on, but does not require, the conceptual basis of PUBH 5201.

Instructor: **Stacey Brown** **stbrown@uchc.edu**
Time: **2:00 – 5:00 PM**
Location: **Classroom A1**

PUBH 5414-F40 Health Economics 3 credits
(16673) UCONN Health Farmington

Introduction to economic theory and various applications of economics in the analysis of the U.S. health care system.

Instructor: **Greg Rhee** **rhee@uchc.edu**
Time: **5:30 – 8:30 PM**
Location: **Suite 2100, Large Conference Room, 195 Farmington Ave.**

PUBH 5431-F40 Public Health Research Methods 3 credits
(13886) UCONN Health Farmington

Introduction to conceptualization, methods, and analysis in public health research including: formulation of research questions and hypotheses, development of research and analytic models, use of qualitative (interviewing and observation) and quantitative (secondary and survey data) data, and qualitative and quantitative data analysis leading to the formulation of research projects. The course follows a hybrid learning model that combines online with some face-to-face teaching. Most of the instruction and activities occur online. Non-degree students may request permission to enroll through the MPH Program Office. **Permission number required from MPH Office.**

Instructor: **Bonnie McRee** **mcree@uchc.edu**
Time: **5:30 – 8:30 PM**
Location: **Classroom C8**

PUBH 5440-F40 Public Health Issues in Genetics 3 credits
(16675) UCONN Health Farmington

The Human Genome Project and other research initiatives are providing us with new opportunities to screen, diagnose and provide novel interventions for a range of genetically determined diseases. The goal of this course is to provide sufficient understanding of inheritance patterns and genetics technology to appreciate the associated public health issues.

Instructor: **Helen Swede** **swede@uchc.edu**
Time: **2:00 – 5:00 PM**
Location: **U3071 A/B, 195 Farmington Ave.**

PUBH 5497-F40 Principles of Interprofessional Public Health Practice 2 credits
(13891) UCONN Health Farmington

This 2-credit course, taken at the beginning of a student's matriculation toward the Master of Public Health (M.P.H.) degree, presents theories and models of successful interprofessional public health practice. It draws on a competency-focused curriculum; case-based pedagogy; and team-based learning to facilitate student engagement as they gain skills needed for effective collaborations with community-based practitioners and other stakeholders in addressing system-level population health concerns.

Instructor: **Angela Bermudez-Millan** **bermudez-millan@uchc.edu**
Time: **6:00 – 9:00 PM**
Location: **U3071 A/B, 195 Farmington Ave.**

Tuesdays, 8/27/19 – 12/10/19

PUBH 5403-F40 Health Administration 3 credits
(13882) UCONN Health Farmington

PUBH 5403-001 Health Administration 3 credits
(9172) UCONN Storrs

Be sure to register on the campus where you intend to attend classes

Examination of past, present, and proposed approaches to the organization and management of health care services. Emphasis is on the role and functioning of the manager and the evolution of health care policy and trends as they affect managerial roles. Non-degree students may request permission to enroll through the MPH Program Office. **Permission number required from MPH Office.**

Instructor: Fawatih Mohamed-Abouh mohamedabouh@uchc.edu

Time: 5:30 – 8:30 PM

**Locations: Patterson Auditorium, Farmington
Rowe 320, Storrs**

PUBH 5497-F41 Public Health Ethics 3 credits
(13953) UCONN Health Farmington

This course will consider the normative foundations of public health and ethical issues relevant to formulating public health policy on a series of health issues. Topics it will address include the following: the strengths and limitations of various ethical frameworks for public health ethics; ethical issues related to resource allocation and rationing; ethical approaches to vaccine and gun violence issues; ethical issues related to proceeding with the development of genetic screening and technologies; and a public health ethics perspective for policies relating to alcohol, tobacco, and drugs. This course will be taught as a seminar to facilitate student discussion.

Instructor: Audrey Chapman achapman@uchc.edu

Time: 5:30 – 8:30 PM

Location: Suite 2100, Large Conference Room, 195 Farmington Ave.

Wednesdays, 8/28/19 – 12/11/19

PUBH 5406-F40 (13883) Law and Public Health UCONN Health Farmington 3 credits

PUBH 5406-001 (9173) Law and Public Health UCONN Storrs 3 credits

Be sure to register on the campus where you intend to attend classes

An introduction to the American legal system as it relates to health care and public health. Sessions present important applications of law to health including the powers of state governments, public health at the federal level, hospital, physician and HMO liability, emergency care and medical research, mental health law, reproductive health and the right to privacy, the right to refuse treatment and end of life issues, privacy and confidentiality in health care, infectious disease law and disability discrimination, and public health policy and advocacy. Non-degree students may request permission to enroll through the MPH Program Office. **Permission number required from MPH Office.**

Instructor: Zita Lazzarini lazzarini@uchc.edu

Time: 5:30 - 8:30 PM

**Locations: The Rotunda, Farmington
Rowe 320, Storrs**

PUBH 5432-F40 (13887) SAS Programming and Data Management UCONN Health Farmington 3 credits

Focuses on SAS programming to introduce the most commonly used features of the language, including data definition, modification and organization; data manipulation and selection; data display and basic data analysis using descriptive statistics. Students also learn to create datasets using data entry or importing from other programs. Examples are based on public health data.

Instructor: Deborah Paturzo paturzo@uchc.edu

Time: 2:00 – 5:00 PM

Location: U3071 A/B, 195 Farmington Ave.

PUBH 5477-F40 (13888) Food, Health and Politics UCONN Health Farmington 3 credits

A comprehensive overview of the factors that influence how our food is grown, what foods are available, affordable, and advertised; and the ensuing public health implications. Examines the history of food production in America, the development of public and private food assistance programs, the fast food movement, and food marketing. Students will explore the political, social, economic and environmental factors that impact food availability and consumption, and discuss the implications of these factors on health outcomes, such as obesity, hunger, chronic diseases, and health disparities.

Instructor: Angela Bermudez-Milan bermudez-millan@uchc.edu

Time: 2:00 – 5:00 PM

Location: Classroom A1

PUBH 5497-F42 (13958) Multivariate Approaches to Interpreting Public Health Data UCONN Health Farmington 3 credits

This course considers statistical approaches to the analysis of associations between multiple attributes of individuals and health outcomes. Beginning with direct methods of analysis (differences of rates, proportions), its focus includes procedures for examining time to event data (e.g., life table analysis) and regression techniques for model fitting.

Instructor: Darce Costello darce.costello@yale.edu

Time: 6:00 – 9:00 PM

Location: U3071 A/B, 195 Farmington Ave.

Thursdays, 8/29/19 – 12/12/19

PUBH 5408-F40 Introduction to Epidemiology & Biostatistics I 3 credits
(13885) UCONN Health Farmington

PUBH 5408-001 Introduction to Epidemiology & Biostatistics I 3 credits
(9174) UCONN Storrs

Be sure to register on the campus where you intend to attend classes

This is the first of a 2-course required sequence for students pursuing the MPH degree that introduces students to concepts and methods of epidemiology, biostatistics and public health research. Topics include nature of variability, common probability distributions, causal reasoning, control of bias and confounding, descriptive and analytic design of observational and experimental studies, principles of disease screening and clinical efficacy. Non-degree students may request permission to enroll through the MPH Program Office. **Permission number required from MPH Office.**

Instructor: Scott Wetstone wetstone@uchc.edu

Time: 6:00 – 9:00 PM

**Locations: Patterson Auditorium, Farmington
Rowe 320, Storrs**

PUBH 5452-F40 Injury and Violence Prevention 3 credits
(16676) UCONN Health Farmington

Injury and violence are major preventable public health problems with predictable patterns. The purpose of this course is to familiarize the student with the epidemiological literature of intentional and unintentional injuries. Focuses on the knowledge and skills required to design, implement, and evaluate scientifically sound community injury prevention and control programs.

Instructor: Garry Lapidus glapidu@connecticutchildrens.org

Time: 2:00 – 5:00 PM

Location: U3071 A/B, 195 Farmington Ave.

PUBH 5497-F43 Global Health Promotion and Intervention 3 credits
(16677) UCONN Health Farmington

This course covers major health and medical issues affecting low and middle-income countries, the UN's sustainable development goals (SDGs), the structural issues of LMIC health care systems and the theories that are the basis of interventions to address these issues. Topics will include Maternal and Child Health (MCH); Sexual reproductive and sexual health (SRH); Nutrition; Infectious Diseases, Non-Communicable Disease (NCD); Mental Health and Substance Abuse. Using a case study approach, students will become familiar with the global and regional dynamics and local social contexts that shape global health problems and will learn to analyze the successes and shortcomings of public health interventions from theory, cultural and evidence-based perspectives.

Instructor: Toan Ha tha@uchc.edu

Time: 5:30 – 8:30 PM

Location: U3071 A/B, 195 Farmington Ave.

PUBH 6490-F40 (13967) Public Health Doctoral Research Seminar UCONN Health Farmington 1 credit

The Public Health Doctoral Research Seminar is required of all doctoral candidates. Seminars should be completed during the first three semesters of enrollment. This course is on the dynamics of teaching public health, under the supervision of a faculty member during that faculty member's course. Using selected readings and workshops on teaching effectiveness, students will shadow instructors of the public health program and reflect on differences inherent in teaching in large lecture or small conference settings and online courses. Please arrange this placement with the faculty member and the Program Director. **Instructor consent and permission number required from MPH Office.**

Instructor: Thomas Babor babor@uchc.edu
Time/Location: By arrangement

GRAD 5950 Master's Thesis Research Variable 1-9 credits

This course is to be used by those students who are performing required research for the Master's Thesis paper. Other courses may be taken concurrently and students may hold a graduate assistantship. Full-time enrollment = total of 6 credits.

Instructor: Student's Major Advisor
Time/Location: By arrangement

GRAD 5998-F10 (13937) Special Readings 0 credits

To be used by master's students who are not enrolled in a thesis (Plan A) track. This is a non-credit course for which master's degree students must register in cases where their regular program of course work for credit has been interrupted and they are not otherwise registered.

Instructor: Student's Major Advisor
Time/Location: By arrangement

GRAD 5999-F10 (13940) Thesis Research 0 credits

Open only to graduate students enrolled in a Plan A Master's Degree Program. This is a non-credit course to be used to maintain registered status by Plan A master's students who have completed their coursework and who are not registered for any other credit-bearing course.

Instructor: Student's Major Advisor
Time/Location: By arrangement

ONLINE COURSES

PUBH 5478-F40 (13951) Epidemiology of Substance Use Disorders & Psychiatric Co-Morbidities ONLINE 3 credits

This course provides a comprehensive survey of substance use disorders and related psychiatric co-morbidities. The course will incorporate recent advances in social and psychiatric epidemiology as well as health disparities attributable to sex/gender and race/ethnicity. It will review research on the prevalence of the major substance use disorders, including alcohol, nicotine and drug dependence, and discuss what is known about the etiology, treatment and prevention of these disorders. The theme of the course will be how to critically evaluate epidemiological research and how to study the genetic, personality, social and environmental contributions to substance use disorders from an interdisciplinary perspective. Students will be expected to meet with instructor in person at least once during the semester at their convenience.

Instructor: Helen Wu zwu@uchc.edu
Dates/Times: By arrangement

PUBH 5480-F40 Clinical & Social Service Systems Research in Alcohol & Addiction Science 3 credits
(13952) ONLINE

Focus on how to conduct clinical and health services research on treatment and early intervention services and how to critically evaluate research evidence. Assessment procedures, research designs, sampling techniques, and mediators and moderators of treatment effects at both the individual and systems levels of analysis. Intended for, but not limited to, matriculated MPH students, public health professionals, health care providers, and the mental health and addiction workforce. It is recommended that students have completed (or are in process of completing) coursework in statistics, epidemiology and/ or research methods. Students will be expected to meet with instructor in person at least once during the semester at their convenience.

Instructor: Thomas Babor **babor@uchc.edu**
Dates/Times: By arrangement

PUBH 5501-F40 Foundations of Public Health and Disability 3 credits
(7327) ONLINE

The course is an introductory survey of the ways in which disability, both developmental and acquired, is affected by, and interacts with, public health policy and practice. The major goal of this course is to provide a foundational understanding of a comprehensive set of issues of both acquired and developmental disability as related to the core elements of public health. Topics include: history of disability, definitional and diagnostic issues of disability, epidemiology, disability law, ethics, research, individual and public health interventions, financing, research and the future of disability. This course will examine underlying social attitudes both toward disability as a construct, and toward people with disabilities and the impact that those attitudes have on public health policy and practices.

Instructor: Tara Lutz **lutz@uchc.edu**
Dates/Times: By arrangement

PUBH 5503-F40 Disability Law, Policy, Ethics, and Advocacy 3 credits
(7371) ONLINE

This course provides a legal, conceptual, and practical understanding of people with disabilities, forms of discrimination that occur on the basis of disability, and the protections against such discrimination that currently exist. The course provides an opportunity to evaluate and understand many aspects of public policy and social issues that affect the lives of persons with disabilities and their families, including state, regional, national and international forces and trends, the principles of self-determination, and participation of persons with disability in planning and implementing. Topics to be discussed include federal and state laws and policies specific to: the health and well-being of people with disabilities; discrimination against people with disabilities; domestic, international, and comparative disability law and policy; the rights of children with disabilities in school, specifically through the Individuals with Disabilities in Education Act (IDEA); and recent developments in U.S. and international human rights and comparative disability law, including recent efforts by the United Nations to draft a treaty on the rights of people with disabilities. Students will explore the role of people with disabilities, who are often vulnerable to human rights violations, within different legal systems.

Instructor: Tara Lutz **lutz@uchc.edu**
Dates/Times: By arrangement