### Course Schedule

**Program in Applied Public Health Sciences**

**Fall 2019 Course Schedule**

**Registration begins March 25, 2019**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUBH 5202-F40</td>
<td>Eliminating Social Inequity and Health Disparities</td>
<td>Classroom A1&lt;sup&gt;a&lt;/sup&gt;</td>
</tr>
<tr>
<td>PUBH 5414-F40</td>
<td>Health Economics</td>
<td>Suite 2100, Large Conf Room&lt;sup&gt;b&lt;/sup&gt;</td>
</tr>
<tr>
<td>PUBH 5431-F40</td>
<td>Public Health Research Methods</td>
<td>Classroom C8&lt;sup&gt;a&lt;/sup&gt;</td>
</tr>
<tr>
<td>PUBH 5440-F40</td>
<td>Public Health Issues in Genetics</td>
<td>U3071 A/B&lt;sup&gt;b&lt;/sup&gt;</td>
</tr>
<tr>
<td>PUBH 5497-F40</td>
<td>Principles of Interprofessional Public Health Practice</td>
<td>U3071 A/B&lt;sup&gt;b&lt;/sup&gt;</td>
</tr>
<tr>
<td>Tuesday</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUBH 5403-F40</td>
<td>Health Administration, Farmington</td>
<td>Patterson Auditorium&lt;sup&gt;a&lt;/sup&gt;</td>
</tr>
<tr>
<td>PUBH 5403-001</td>
<td>Health Administration, Storrs</td>
<td>Rowe 320&lt;sup&gt;c&lt;/sup&gt;</td>
</tr>
<tr>
<td>PUBH 5497-F41</td>
<td>Public Health Ethics</td>
<td>Suite 2100, Large Conf Room&lt;sup&gt;b&lt;/sup&gt;</td>
</tr>
<tr>
<td>Wednesday</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUBH 5406-F40</td>
<td>Law and Public Health, Farmington</td>
<td>The Rotunda&lt;sup&gt;a&lt;/sup&gt;</td>
</tr>
<tr>
<td>PUBH 5406-001</td>
<td>Law and Public Health, Storrs</td>
<td>Rowe 320&lt;sup&gt;c&lt;/sup&gt;</td>
</tr>
<tr>
<td>PUBH 5432-F40</td>
<td>SAS Programming and Data Management</td>
<td>U3071 A/B&lt;sup&gt;b&lt;/sup&gt;</td>
</tr>
<tr>
<td>PUBH 5477-F40</td>
<td>Food, Health and Politics</td>
<td>Classroom A1&lt;sup&gt;a&lt;/sup&gt;</td>
</tr>
<tr>
<td>PUBH 5497-F42</td>
<td>Multivariate Approaches to Interpreting Public Health Data</td>
<td>U3071 A/B&lt;sup&gt;b&lt;/sup&gt;</td>
</tr>
<tr>
<td>Thursday</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUBH 5408-F40</td>
<td>Intro to Epidemiology and Biostatistics I, Farmington</td>
<td>Patterson Auditorium&lt;sup&gt;a&lt;/sup&gt;</td>
</tr>
<tr>
<td>PUBH 5408-001</td>
<td>Intro to Epidemiology and Biostatistics I, Storrs</td>
<td>Rowe 320&lt;sup&gt;c&lt;/sup&gt;</td>
</tr>
<tr>
<td>PUBH 5452-F40</td>
<td>Injury and Violence Prevention</td>
<td>U3071 A/B&lt;sup&gt;b&lt;/sup&gt;</td>
</tr>
<tr>
<td>PUBH 5497-F43</td>
<td>Global Health Promotion and Intervention</td>
<td>U3071 A/B&lt;sup&gt;b&lt;/sup&gt;</td>
</tr>
<tr>
<td>Variable days</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUBH 5407-F40</td>
<td>Practicum in Public Health</td>
<td></td>
</tr>
<tr>
<td>PUBH 5495-F40</td>
<td>Independent Study in Public Health</td>
<td></td>
</tr>
<tr>
<td>PUBH 5497-F44</td>
<td>Systems, Strategies &amp; Solutions – Interprofessional Service Collaborative</td>
<td></td>
</tr>
<tr>
<td>PUBH 5498-F40</td>
<td>Field Experience in Public Health Systems</td>
<td></td>
</tr>
<tr>
<td>PUBH 5499-F40</td>
<td>Capstone Project in Public Health</td>
<td></td>
</tr>
<tr>
<td>PUBH 6490-F40</td>
<td>Public Health Doctoral Research Seminar</td>
<td></td>
</tr>
<tr>
<td>GRAD 5950</td>
<td>Master’s Thesis Research</td>
<td></td>
</tr>
<tr>
<td>GRAD 5998-F10</td>
<td>Special Readings</td>
<td></td>
</tr>
<tr>
<td>GRAD 5999-F10</td>
<td>Thesis Research</td>
<td></td>
</tr>
</tbody>
</table>

**Online**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUBH 5478-F40</td>
<td>Epidemiology of Substance Use Disorders &amp; Psychiatric Co-Morbidities</td>
<td></td>
</tr>
<tr>
<td>PUBH 5480-F40</td>
<td>Clinical &amp; Social Service Systems Research in Alcohol &amp; Addiction Science</td>
<td></td>
</tr>
<tr>
<td>PUBH 5501-F40</td>
<td>Foundations of Public Health and Disability</td>
<td></td>
</tr>
<tr>
<td>PUBH 5503-F40</td>
<td>Disability Law, Policy, Ethics &amp; Advocacy</td>
<td></td>
</tr>
</tbody>
</table>

<sup>a</sup>UCONN Health Academic Building  
<sup>b</sup>UCONN Health 195 Farmington Avenue  
<sup>c</sup>UCONN 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  
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  
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  
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  
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  
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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUBH 5406-F40</td>
<td>Law and Public Health</td>
<td>3 credits</td>
<td>UCONN Health Farmington</td>
</tr>
<tr>
<td>(13883)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUBH 5406-001</td>
<td>Law and Public Health</td>
<td>3 credits</td>
<td>UCONN Storrs</td>
</tr>
<tr>
<td>(9173)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| **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  
**Email:** lazzarini@uchc.edu

**Time:** 5:30 - 8:30 PM  
**Locations:** The Rotunda, Farmington  
Rowe 320, Storrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUBH 5432-F40</td>
<td>SAS Programming and Data Management</td>
<td>3 credits</td>
<td>UCONN Health Farmington</td>
</tr>
<tr>
<td>(13887)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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  
**Email:** paturzo@uchc.edu

**Time:** 2:00 – 5:00 PM  
**Location:** U3071 A/B, 195 Farmington Ave.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUBH 5477-F40</td>
<td>Food, Health and Politics</td>
<td>3 credits</td>
<td>UCONN Health Farmington</td>
</tr>
<tr>
<td>(13888)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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  
**Email:** bermudez-milan@uchc.edu

**Time:** 2:00 – 5:00 PM  
**Location:** Classroom A1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUBH 5497-F42</td>
<td>Multivariate Approaches to Interpreting Public Health Data</td>
<td>3 credits</td>
<td>UCONN Health Farmington</td>
</tr>
<tr>
<td>(13958)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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  
**Email:** 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.
### Variables Days/Times

#### PUBH 5407-F40  Practicum in Public Health  
**UCONN Health Farmington**  
(13884)  
3 credits  
Under faculty guidance, students undertake an organized set of activities that responds to an identified need of a public health agency or health-related organization. The activities may involve the policy development, planning, implementation, administration or evaluation of public health services, or a combination of such activities. Students should be appropriately advanced before initiating the practicum. **Instructor consent and permission number required from MPH Office.**  
Instructor: Stacey Brown  
Time/Location: By arrangement  

#### PUBH 5495-F40  Independent Study in Public Health  
(13959)  
1 – 9 credits  
An individual course for those wishing to pursue special topics in the public health sciences under faculty supervision. May be repeated for credit.  
Instructor: Staff  
Time/Location: By arrangement  

#### PUBH 5497-F44  Systems, Strategies & Solutions – Interprofessional Service Collaborative  
(13962)  
1 credit  
Students selected for this project will engage with project leaders and other stakeholders in interprofessional action to address community-based population health concerns. Participants include students enrolled in UCONN medical, dental, law, social work or public administration degree programs. A 2 year (4 semester) commitment to the Collaborative is expected.  
Instructor: David Gregorio  
Time/Location: By arrangement  

#### PUBH 5498-F40  Field Experience in Public Health Systems  
(13889)  
Variable credits  
Under direction by field preceptors, students will participate in an intensive service-learning experience wherein they will examine a timely public health issue from the perspective of health indicators/disease surveillance; policy development; planning, implementation, or evaluation of public health services; essential public health functions; and operational issues of a large complex public health agency/organization. **(NOTE: Students will be required to minimally dedicate a half day (at least 3 day-time hours) each week to their onsite field work obligations, consistent with the hours/schedule of the agency/organization and must adjust their schedules accordingly.) Instructor consent and permission number required from MPH Office.**  
Instructor: Stacey Brown  
Time/Location: By arrangement  

#### PUBH 5499-F40  Capstone Project in Public Health  
(13890)  
Variable 3-6 credits  
Under faculty guidance, students pursue independent projects on special topics in the public health sciences. This is the course intended for students pursuing a final project. **Permission number required from MPH Office.**  
Instructor: David Gregorio  
Time/Location: By arrangement
PUBH 6490-F40 Public Health Doctoral Research Seminar 1 credit
(13967) UCONN Health Farmington
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 Special Readings 0 credits
(13937) 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 Thesis Research 0 credits
(13940) 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 Epidemiology of Substance Use Disorders & Psychiatric Co-Morbidities 3 credits
(13951) ONLINE
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