

Program in Applied Public Health Sciences

Fall 2021 Course Schedule

Course #	Title	Location	Time
Monday			
PUBH 5406-F40	Law and Public Health (Lazzarini)	The Rotunda ^a	5:30-8:30
PUBH 5430-F40	Public Health Informatics (Rhee)	TBD 195 Farmington ^b	5:30-8:30
PUBH 5497-F40	Health Topics in Humanitarian Crisis, Disaster Preparedness and Response (Moore)	U3071 A/B ^b	6:00-9:00
PUBH 6496-F40	Public Health Doctoral Seminar: Scholarship & Professional Development (Swede)	Suite 2100, Large Conf. Room ^b	5:30-8:30
Tuesday			
PUBH 5407-F40	Practicum in Public Health (Brown/Bermudez-Millan)	Online	3:00-5:00
PUBH 5408-F40	Introduction to Epidemiology & Biostatistics I, Farmington (Wetstone)	The Rotunda ^a	5:30-8:30
PUBH 5408-001	Introduction to Epidemiology & Biostatistics I, Storrs (Wetstone)	Rowe 320 ^d	5:30-8:30
PUBH 5497-F41	Public Health Ethics (Chapman)	U3071 A/B ^b	5:30-8:30
PUBH 5497-F42	Injury Epidemiology (Hunter)	U3071 A/B ^b	2:00-5:00
PUBH 5497-F46	Public Health Research Appraisal (Gregorio)	A8 ^a	5:30-8:30
Wednesday			
PUBH 5403-F40	Health Administration (Mohamed-Abouh)	The Rotunda ^a	5:30-8:30
PUBH 5451-F40	Maternal and Child Health Policy and Programs (Frost)	U3071 A/B ^b	5:30-8:30
PUBH 5497-F43	Principles of Implementation Science (O'Grady)	Suite 2100, Large Conf. Room ^b	5:30-8:30
Thursday			
PUBH 5201-F40	Essentials of Social Inequality and Health Disparities (Cunningham)	U3071 A/B ^b	5:30-8:30
PUBH 5411-F40	Introduction to Interprofessional Public Health Practice, Farmington (Bermudez-Millan)	The Rotunda ^a	5:30-8:30
PUBH 5411-001	Introduction to Interprofessional Public Health Practice, Storrs (Bermudez-Millan)	Rowe 320 ^d	5:30-8:30
PUBH 5432-F40	SAS Programming and Data Management (Chan)	U3071 A/B ^b	2:00-5:00
PUBH 5497-F44	Environmental Health Policy (Cavallari)	Suite 2100, Large Conf. Room ^b	5:30-8:30
Friday			
PUBH 5497-F45	Leadership Education in Neurodevelopmental and Related Disabilities (LEND) Seminar I (Bruder)	The Exchange, Suite 173 UCEDD Conf. Room ^c	8:30-4:30
Variable Days			
PUBH 5495-F40	Independent Study in Public Health		
PUBH 5498-F40	Field Experience in Public Health Systems (Brown)		
PUBH 5499-F40	Capstone Project in Public Health (Gregorio)		
PUBH 6495-F40	Independent Study of Special Topics in Advanced Public Health Sciences		
Online			
PUBH 5478-F40	Epidemiology of Substance Use Disorders & Psychiatric Co-Morbidities (Wu)		
PUBH 5480-F40	Clinical & Social Service Systems Research in Alcohol & Addiction Science (Babor)		
PUBH 5501-F40	Foundations of Public Health and Disability (Lutz)		
PUBH 5503-F40	Disability Law, Policy, Ethics & Advocacy (Lutz)		
Research & Continuous Registration			
GRAD 5950	Master's Thesis Research		
GRAD 5998-F10	Special Readings		
GRAD 5999-F10	Thesis Research		

^a UCONN Health Academic Building

^b UCONN Health 195 Farmington Avenue

^c UCONN Health 270 Farmington Avenue (The Exchange)

^d UCONN Storrs

Public Health Course Descriptions

Mondays, 8/30/21 – 12/13/21

PUBH 5406-F40 Law and Public Health 3 credits
(14181) UConn Health Farmington

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, JD, MPH **lazzarini@uchc.edu**

Time: 5:30 - 8:30 PM

Mode/Location: In Person/The Rotunda

PUBH 5430-F40 Public Health Informatics 3 credits
(14501) UCONN Health Farmington

An overview of the basic information skills required to clarify a health-related information need and identify and use appropriate information resources to select materials that answer that need. The course will include discussions of health-related networks and information resources, demonstrations of their appropriate use, class exercises and a semester project.

Instructor: T. Greg Rhee, PhD, MSW **rhee@uchc.edu**

Time: 5:30 - 8:30 PM

Mode/Location: In Person/TBD at 195 Farmington Ave.

PUBH 5497-F40 Public Health Topics in Humanitarian Crisis, Disaster Preparedness and Response 3 credits
(14188) UCONN Health Farmington

Students who take this course will get a general understanding of the public health impact of disasters and humanitarian crisis, disaster preparedness and response to an acute emergency. Students will learn practical strategies and tools for disaster planning/ preparedness and disaster response. We will also discuss history and ethics behind humanitarianism and public health problems that arise in a protracted crisis caused by disaster or conflict settings including emergence of infectious disease, displacement, malnutrition, gender-based violence, and psychiatric disease. In addition, students will learn about all elements of a response to a long term crisis including Water, Sanitation and Hygiene (WASH) considerations, logistic and security challenges, and healthcare. They will learn how to design a response plan to a crisis or disaster situation and understand health needs of a displaced population.

Instructors: Natalie Moore, MD, MPH **nmoore@uchc.edu**

Time: 6:00-9:00 PM

Mode/Location: In Person/U3071 A/B, 195 Farmington Ave.

PUBH 6496-F40 Public Health Doctoral Seminar: Scholarship and Professional Development 3 credits
(14502) UCONN Health Farmington

This seminar is a comprehensive survey course exposing pre-candidate doctoral students to a number of advanced methodological topics in public health research and practice as well as ethical conduct in research (e.g., authorship criteria) and career considerations (e.g., range of employment opportunities, grant-writing process, pedagogical theory and practices). In addition to class lectures, students will gain experience in presenting research ideas for critique by faculty and fellow students. Specifically, the term project will be a longitudinal exercise to develop a Specific Aims Page or an outline for a manuscript; both augmented with preliminary data. At the end of the semester, students will present a 15-20 minute talk on their project to the full Public Health program of students, faculty and staff. Each class session will be split between content delivered by faculty and weekly progress reports on the term projects, with slightly more time allocated for discussion of the latter. In addition to topical material presented by the Co-Instructors, guest faculty periodically will present information about their research, career paths, etc. **Instructor consent required.**

Instructor: Helen Swede, PhD **swede@uchc.edu**

Time: 5:30-8:30

Mode/Location: In Person/ Suite 2100, Large Conf. Room, 195 Farmington Ave.

Tuesdays, 8/31/21 – 12/14/21

PUBH 5407-F40 Practicum in Public Health (14182) UConn Health Farmington 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, PhD stbrown@uchc.edu
Angela Bermudez-Millan, PhD, MPH bermudez-millan@uchc.edu
Time: 3:00-5:00
Mode/Location: Online

PUBH 5408-F40 Introduction to Epidemiology & Biostatistics I (14183) UConn Health Farmington 3 credits

PUBH 5408-001 Introduction to Epidemiology & Biostatistics I (8924) UConn Storrs 3 credits

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

This is the first of a two-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, MD wetstone@uchc.edu
Time: 5:30-8:30 PM
Mode/Location: In Person/The Rotunda – UConn Health, Farmington
In Person/Rowe 320 – UConn, Storrs

PUBH 5497-F41 Public Health Ethics (14191) UConn Health Farmington 3 credits

The starting point of public health ethics is promoting the health and well-being of communities rather than a focus on protecting the dignity and autonomy of individuals, which is the goal in bioethics. Protecting the public's health raises fundamental questions about when to impose restrictions on the freedom of individuals to protect the health of the community and the duties and obligations owed by members to the wider community. A public health perspective assumes background principles of community, justice, and equity but these principles can be difficult to interpret and to apply to specific issues. This course will cover ethical issues related to the normative grounding of public health policy and to ethical dilemmas in how to apply them in formulating health policy on specific issues. The issues will include equitable access to Covid-19 therapies and vaccines, genetics and public health issues, vaccines and vaccine hesitancy, pharmaceutical developments and access to medicines, obesity, responses to climate change and environmental issues, addressing the opioid crisis, and guns and violence. The course will frame these issues within the challenges posed by the Covid-19 epidemic and the impact of structural racism.

Instructor: Audrey Chapman, PhD, MDiv, STM achapman@uchc.edu
Time: 5:30 – 8:30 PM
Mode/Location: In Person/U3071 A/B, 195 Farmington Ave.

PUBH 5497-F42 Injury Epidemiology (14195) UConn Health Farmington 3 credits

Injuries are a leading cause of morbidity and mortality in the US. This course will orient students to the foundations of injury epidemiology, and epidemiologic concepts used in designing, analyzing, and interpreting studies. Specific topics will include study design, injury surveillance, research methods, and prevention. The course will include lectures, student-led discussions, and presentations from local and national injury experts on current research in suicide, opioid overdose, sports and recreational injuries, family violence, trauma, emergency medical services, and motor vehicle crash.

Instructor: Amy Hunter, PhD, MPH amhunter@uchc.edu
Time: 2:00 – 5:00 PM
Mode/Location: Hybrid/Blended/U3071 A/B, 195 Farmington Ave.

Tuesdays, 8/31/21 – 12/14/21 (cont.)

**PUBH 5497-F46 Public Health Research Appraisal
(14499) UConn Health Farmington**

3 credits

A research seminar examining the uses, strengths and limitations of public health research methodologies. Manuscripts and research proposals on infectious disease, chronic disease, health behavior and health care delivery are critically analyzed with the goal of promoting sound judgment about the scientific validity of public health research and to develop skills in self- and peer review.

Instructor: David Gregorio, PhD, MS

gregorio@uchc.edu

Time: 5:30 – 8:30 PM

Mode/Location: In Person/A8, Academic Building

Wednesdays, 9/1/21 – 12/15/21

PUBH 5403-F40 Health Administration (14180) UConn Health Farmington 3 credits

This survey course introduces students to concepts of Public Health administration. It provides a general scope of Public Health systems in the US, with a high focus on current and past evolution of policies and marked milestones in this field. Topics that address the organization and management of public health services, with emphasis on healthcare as part of the population health concept, will be explored. Emerging inequities and health disparities will be examined, in addition to the use of data to inform health decisions and performance measurements. Non-degree students may request permission to enroll through the MPH Program Office. **Permission number required from MPH Office.**

Instructor: Fawatih Mohamed-Abouh, MBBS, MPH **mohamedabouh@uchc.edu**
Time: 5:30 – 8:30 PM
Mode/Location: Hybrid/Blended/The Rotunda

PUBH 5451-F40 Maternal and Child Health Policy and Programs (14201) UConn Health Farmington 3 credits

Examination of maternal and child health (MCH) programs and policy from the past to the present. Children's rights, advocacy and MCH history provide a foundation to understanding the evolving philosophy and importance of MCH. The health and development of children and their families are addressed working through each of the developmental cycles: maternal and infant health, preschool, school age, and adolescent health. Topics that are crosscutting across the MCH spectrum such as health disparities, women's health and international health.

Instructor: Jordana Frost, DrPH, MPH **jfrost@uchc.edu**
Time: 5:30 – 8:30 PM
Mode/Location: In Person/U3071 A/B, 195 Farmington Ave.

PUBH 5497-F43 Principles of Implementation Science (14202) UConn Health Farmington 3 credits

It has been widely reported that evidence-based practices take on average 17 years to be incorporated into routine practice and only about half of evidence-based practices ever reach widespread usage. Thus, there is a large research-to-practice gap. Implementation science is an exciting and emerging field whose approach offers broad and novel insights into the gap between knowledge and practice in public health. Implementation science is defined as "the scientific study of methods to promote the systematic uptake of research findings and other evidence-based practices into routine practice." This course will provide an introduction to the use of implementation science approaches to systematically identify barriers and facilitators to implementation and adapt, integrate, and sustain evidence-based practices and innovations in healthcare and other settings. Students will learn to use the language of implementation science to describe key concepts and methods for translating scientific evidence into practice. Course sessions will emphasize practical application of concepts, critical thinking, and discussion.

Instructor: Megan O'Grady, PhD **ogrady@uchc.edu**
Time: 5:30 – 8:30 PM
Mode/Location: In Person/ Suite 2100, Large Conf. Room, 195 Farmington Ave.

Thursdays, 9/2/21 – 12/16/21

PUBH 5201-F40 Essentials of Social Inequality and Health Disparities 3 credits
(14500) UCONN Health Farmington

Introduction to (a) the extent of health disparities across the US population, (b) how social inequality contributes to health disparities, and (c) why attention to social inequality is essential to the effective practice of clinical medicine and dental medicine. Examination of how society's social, economic, political and cultural institutions are structured and why they perpetuate the unequal distribution of opportunities that systematically limit the life chances and experiences of individuals. A range of social determinants (race/ racism, poverty, income inequality, education, environmental conditions, social capital, social cohesion, social mobility, safety/security, criminal justice system) are considered that may influence health, either directly or as pathways for other determinants. Addresses the function of public health assessment, provides students with a conceptual basis for the complementary course, PUBH 5202.

Instructor: Shayna Cunningham, PhD, MHS scunningham@uchc.edu

Time: 5:30-8:30 pm

Mode/Location: In Person/U3071 A/B, 195 Farmington Ave.

PUBH 5411-F40 Introduction to Interprofessional Public Health Practice 3 credits
(14199) UConn Health Farmington

PUBH 5411-001 Introduction to Interprofessional Public Health Practice 3 credits
(12141) UConn Storrs

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

This course, taken near 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, case-based pedagogy 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. **Permission number required from MPH Office.**

Instructor: Angela Bermudez-Millan, PhD, MPH bermudez-millan@uchc.edu

Time: 5:30 – 8:30 PM

Mode/Locations: Hybrid/Blended/The Rotunda – UConn Health, Farmington
Hybrid/Blended/Rowe 320 – UConn, Storrs

PUBH 5432-F40 SAS Programming and Data Management 3 credits
(14184) UConn Health Farmington

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: Grace Chan, PhD gchan@uchc.edu

Time: 2:00 – 5:00 PM

Mode/Location: In Person/U3071 A/B, 195 Farmington Ave.

PUBH 5497-F44 Environmental Health Policy 3 credits
(14497) UConn Health Farmington

This course will explore how policies are developed to address public health concerns associated with specific environmental and occupational hazards. We will explore a range of environmental and occupational health hazards and how they are controlled in the United States by examining policies and practices of environmental health.

Instructor: Jennifer Cavallari, ScD cavallari@uchc.edu

Time: 5:30 – 8:30 PM

Mode/Location: In Person/ Suite 2100, Large Conf. Room, 195 Farmington Ave.

FRIDAYS, 9/3/21 – 12/17/21

PUBH 5497-F45 Leadership Education in Neurodevelopmental and related Disabilities 3 credits
(14498) (LEND) Seminar I
UConn Health Farmington

This is the first of a 2-seminar sequence that is part of an interdisciplinary leadership training program aimed at improving the health of infants, children and adolescents who have, or are at risk for developing, neurodevelopmental and other related disabilities, with an emphasis on autism spectrum disorders. Lecturers include experts from different disciplines from UConn and across the country. Topics include the following: cultural competency, family-centered care, interdisciplinary teamwork, service integration, community-based organization, disability policy and advocacy, etc. This seminar is open to Leadership Education in Neurodevelopmental and related Disabilities (LEND) trainees. **Instructor consent and permission number required from MPH Office.**

Instructor: Mary Beth Bruder, PhD

bruder@uchc.edu

Time: 8:30 – 4:30 PM

Mode/Location: In Person/UCEDD Conference Room, Suite 173
The Exchange, 270 Farmington Ave.

Variables Days/Times, 8/30/21 – 12/17/21

PUBH 5495-F40 Independent Study in Public Health (14192) **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 consent required.**

Instructor: Staff

Time/Location: By arrangement

PUBH 5498-F40 Field Experience in Public Health Systems (14186) **Variable credits**
UConn Health Farmington

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 daytime hours) each week to their onsite fieldwork 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, PhD

stbrown@uchc.edu

Time/Location: By arrangement

PUBH 5499-F40 Capstone Project in Public Health (14187) **Variable 3-6 credits**
UConn Health Farmington

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, PhD, MS

gregorio@uchc.edu

Time/Location: By arrangement

PUBH 6495-F40 Independent Study of Special Topics in Advanced Public Health Sciences (14203) **Variable 1-9 credits**

A doctoral-level independent study course for Ph.D. students who wish to pursue special topics in advanced public health sciences under faculty supervision. **Instructor consent required.**

Instructor: Staff

Time/Location: By arrangement

ONLINE COURSES, 8/30/21 – 12/17/21

PUBH 5478-F40 Epidemiology of Substance Use Disorders & Psychiatric Co-Morbidities (14189) 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, PhD

zwu@uchc.edu

Dates/Times: By arrangement

PUBH 5480-F40 Clinical & Social Service Systems Research in Alcohol & Addiction Science (14190) ONLINE 3 credits

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, PhD, MPH

babor@uchc.edu

Dates/Times: By arrangement

PUBH 5501-F40 Foundations of Public Health and Disability (14178) ONLINE 3 credits

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, PhD, MPH, CHES

lutz@uchc.edu

Dates/Times: By arrangement

PUBH 5503-F40 Disability Law, Policy, Ethics, and Advocacy (14179) ONLINE 3 credits

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, PhD, MPH, CHES

lutz@uchc.edu

Dates/Times: By arrangement

RESEARCH & CONTINUOUS REGISTRATION

GRAD 5950 **Master's Thesis Research** **Variable 1 - 9 credits**
UCONN Health Farmington

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 equals a total of 6 credits. **Recommendation of student's major advisor and MPH program permission required.**

Instructor: **Student's Major Advisor**

Time/Instruction Mode: **By arrangement**

GRAD 5998-F10 **Special Readings** **0 credits**
(14503) **UCONN Health Farmington**

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/Instruction Mode: **By arrangement**

GRAD 5999-F10 **Thesis Research** **0 credits**
(14506) **UCONN Health Farmington**

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/Instruction Mode: **By arrangement**