

Program in Applied Public Health Sciences

Fall 2022 Course Schedule

Course #	Title	Location	Time
Monday			
PUBH 5406-F01	Law and Public Health (Lazzarini)	The Rotunda ^a	5:30-8:30
PUBH 5432-F01	SAS Programming and Data Management (Chan)	B9 ^a	5:30-8:30
PUBH 5497-F01	Aging & Mental Health (Rhee)	U3071 A/B ^b	5:30-8:30
PUBH 5497-F10	Policy Development and Advocacy (Mancini/Passaro)	A1 ^a	6:00-9:00
Tuesday			
PUBH 5407-F01	Practicum in Public Health (Bermudez-Millan/Brown)	U3071 A/B ^b	3:00-5:00
PUBH 5408-F01	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 318 ^d	5:30-8:30
PUBH 5497-F02	Public Health Ethics (Chapman)	U3071 A/B ^b	5:30-8:30
PUBH 5497-F03	Child Health and Safety (Hunter)	A1 ^a	4:30-7:30
Wednesday			
PUBH 5201-F01	Essentials of Social Inequality and Health Disparities (Cunningham)	U3071 A/B ^b	5:30-8:30
PUBH 5403-F01	Health Administration (Mohammad)	Patterson ^a	5:30-8:30
PUBH 5478-F01	Epidemiology of Substance Use Disorders & Psychiatric Co-Morbidities (Wu)	A1 ^a	5:30-8:30
PUBH 5497-F04	Lifestyle Factors in Chronic Disease Epidemiology (Guertin)	A8 ^a	5:30-8:30
PUBH 5497-F05	Work as a Social Determinant of Health (Cavallari)	U3071 A/B ^b	2:00-5:00
Thursday			
PUBH 5411-F01	Introduction to Interprofessional Public Health Practice, Farmington (Bermudez-Millan)	Patterson ^a	5:30-8:30
PUBH 5411-001	Introduction to Interprofessional Public Health Practice, Storrs (Bermudez-Millan)	Rowe 318 ^d	5:30-8:30
PUBH 5497-F07	Public Health Research Appraisal (Swede)	U3071 A/B ^b	5:30-8:30
PUBH 5497-F08	Health Transformation in Maternal and Child Health (Frost)	DL ^e	5:30-8:30
PUBH 5497-F09	Climate Change and Public Health (Levy Zamora)	A1 ^a	5:30-8:30
Friday			
PUBH 5497-F06	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-F01	Independent Study in Public Health		
PUBH 5498-F01	Field Experience in Public Health Systems (Brown)		
PUBH 5499-F01	Capstone Project in Public Health (Gregorio)		
PUBH 6495-F01	Independent Study of Special Topics in Advanced Public Health Sciences		
Online			
PUBH 5501-F01	Foundations of Public Health and Disability (Lutz)		
PUBH 5503-F01	Disability Law, Policy, Ethics & Advocacy (Lutz)		
Research & Continuous Registration			
GRAD 5950	Master's Thesis Research		
GRAD 5998-F01	Special Readings		
GRAD 5999-F01	Thesis Research		

^a UCONN Health Academic Building

^b UCONN Health 195 Farmington Avenue

^c UCONN Health 270 Farmington Avenue (The Exchange)

^d UCONN Storrs

^e DL – Distance Learning

Public Health Course Descriptions

Mondays, 8/29/22 – 12/12/22

PUBH 5406-F01 Law and Public Health 3 credits
(13054) 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 5432-F01 SAS Programming and Data Management 3 credits
(13057) 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: 5:30 - 8:30 PM
Mode/Location: In Person/B9

PUBH 5497-F01 Aging & Mental Health 3 credits
(13060) UCONN Health Farmington

This is an introductory course on aging and mental health using epidemiological, psychosocial, and public health approaches. The course will cover demographics of aging and key clinical features of both physical and mental health (e.g., frailty, dementia, and multimorbidities) in older adults. Psychosocial interventions (e.g., formal and informal care, retirement sources, and end-of-life care) across diverse settings (e.g., community-, assisted living-, and nursing home-levels) will be introduced. Public health topics (e.g., access to care (e.g., Medicare and Medicaid policies and reimbursement), delivery of health services for older adults across diverse settings, and clinical outcomes) will also be discussed. Finally, contemporary topics (e.g., Covid-19 pandemic and global aging) will also be explored.

Instructor: T. Greg Rhee, PhD, MSW **rhee@uchc.edu**
Time: 5:30 - 8:30 PM
Mode/Location: In Person/U3071 A/B, 195 Farmington Ave.

PUBH 5497-F10 Policy Development & Advocacy 3 credits
(14442)

This course provides an introduction to the public health function of policy development. It prepares future public health advocates with substantive knowledge on how policy is crafted and provides practical skills on engaging policymakers, the press, and advocacy organizations to support public health initiatives. The course combines policy development, real-life case studies, lectures by Connecticut legislators and staff as well as community activists, and a series of classroom discussions and exercises.

Instructor: Sally Mancini, MPH **sally.mancini@uconn.edu**
Cara Passaro, JD, MPH **cmpassaro@gmail.com**
Time: 6:00 – 9:00 PM
Mode/Location: In Person/A1

Tuesdays, 8/30/22 – 12/13/22

PUBH 5407-F01 Practicum in Public Health (13055) 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: In Person/U3071 A/B, 195 Farmington Ave.

PUBH 5408-F01 Introduction to Epidemiology & Biostatistics I (13056) UConn Health Farmington 3 credits

PUBH 5408-001 Introduction to Epidemiology & Biostatistics I (6438) 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 318 – UConn, Storrs

PUBH 5497-F02 Public Health Ethics (13063) 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-F03 Child Health and Safety (13065) UConn Health Farmington 3 credits

This course will explore the six stages of child development. At each stage, students will examine safety in the built and social environments, and evaluate educational interventions and health policies designed to mitigate childhood morbidity and premature death. Special topics will include nutrition and food safety, brain development, child maltreatment, sports safety, and the role of social media in self-inflicted and interpersonal violence.

Instructor: Amy Hunter, PhD, MPH amhunter@uchc.edu
Time: 4:30 – 7:30 PM
Mode/Location: In Person//A1

Wednesdays, 8/31/22 – 12/14/22 (continued)

**PUBH 5497-F05 Work as a Social Determinant of Health
(13072) UConn Health Farmington**

3 credits

This course provides students with an overview of the health status of working adults, especially in the United States, and the mechanisms underlying work as a social determinant of health. We will examine how working conditions, the work environment, physical and psychosocial job stressors impact worker well-being. We will examine a sample of programs, policies, and laws that impact the protection and promotion of workforce health and well-being. Students will hear from practitioners about their practices to support worker safety, health and well-being and will begin to understand the opportunities and potential obstacles for pursuing these goals through a multi-disciplinary workplace team.

Instructor: Jennifer Cavallari, ScD

cavallari@uchc.edu

Time: 2:00 – 5:00 PM

Mode/Location: Hybrid/Blended/ U3071 A/B, 195 Farmington Ave.

Thursdays, 9/1/22– 12/15/22

PUBH 5411-F01 Introduction to Interprofessional Public Health Practice 3 credits
(13068) UConn Health Farmington

PUBH 5411-001 Introduction to Interprofessional Public Health Practice 3 credits
(8962) 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: In Person/Patterson Auditorium – UConn Health, Farmington
In Person/Rowe 318 – UConn, Storrs

PUBH 5497-F07 Public Health Research Appraisal 3 credits
(13074) UConn Health Farmington

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: Helen Swede, PhD swede@uchc.edu

Time: 5:30 – 8:30 PM

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

PUBH 5497-F08 Health Transformation in Maternal and Child Health 3 credits
(14440) UCONN Health Farmington

This online course is designed to integrate the theory, research, and evidence-supported practices that promote optimal health outcomes in maternal and child health populations. Course participants will examine and apply new skills in the following areas: quality improvement, systems thinking, change management, and promotion of access to care for women and children.

Instructor: Jordana Frost, DrPH, MPH jfrost@uchc.edu

Time: 5:30 - 8:30 PM

Mode/Location: Distance Learning

PUBH 5497-F09 Climate Change and Public Health 3 credits
(14441) UConn Health Farmington

Climate change is one of the greatest threats to public health, affecting every nation and individual. Human health is influenced by weather, air and water quality, and food security, which are all sensitive to changes in climate. This course will explore the effects of climate change on food systems, water, air, and disease, through the lens of public health. After completing this course, students will be able to: describe the science of climate change and how climate is predicted to change in the future; explain the connection between climate and public health, ranging from temperature-related mortality, exposure to extreme weather events and wildfires, food and water shortages, waterborne infections, and insect-borne diseases; discuss inequities in the risks associated with climate change; evaluate research related to climate change and health; and discuss adaptation and mitigation strategies to reduce adverse health impacts due to climate change.

Instructor: Misti Levy Zamora, PhD mzamora@uchc.edu

Time: 5:30 – 8:30 PM

Mode/Location: In Person/A1

Fridays, 9/2/22 – 12/16/22

**PUBH 5497-F06 Leadership Education in Neurodevelopmental and related Disabilities
(13073) (LEND) Seminar I**

3 credits

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, 8/29/22 – 12/16/22

PUBH 5495-F01 Independent Study in Public Health (13064)

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-F01 Field Experience in Public Health Systems (13058) UConn Health Farmington

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 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-F01 Capstone Project in Public Health (13059) UConn Health Farmington

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, PhD, MS

gregorio@uchc.edu

Time/Location: By arrangement

PUBH 6495-F01 Independent Study of Special Topics in Advanced Public Health Sciences (13071)

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, 8/29/22 – 12/16/22

PUBH 5501-F01 Foundations of Public Health and Disability (13051) 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-F01 Disability Law, Policy, Ethics, and Advocacy (13052) 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 and 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-F01 **Special Readings** **0 credits**
(13899) **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-F01 **Thesis Research** **0 credits**
(13900) **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**