

Program in Applied Public Health Sciences

Spring 2026 Course Schedule

Course #	Title	Location	Time
Monday			
PUBH 5404-F01	Environmental Health (Palmeri)	Rotunda ^a	5:30-8:30
PUBH 5434-F01	Topics in Intermediate Biostatistics (Chan)	A1 ^a	5:30-8:30
PUBH 5497-F05	Substance Use & Public Health (Mead-Morse)	Hybrid/U3071 A/B ^b	12:00-3:00
Tuesday			
PUBH 5405-F01	Social & Behavioral Foundations of Public Health (Wu)	Rotunda ^a	5:30-8:30
PUBH 5407-F01	Practicum in Public Health (Bermudez-Millan/Brown)	Hybrid Limited/U3071 A/B ^b	3:00-5:00
PUBH 5468-F01	Occupational & Environmental Epidemiology (Cavallari)	Hybrid Limited/U3071 A/B ^b	11:00-2:00
PUBH 5497-F02	Reproductive Ethics, Rights and Public Policy (Chapman)	Hybrid Limited/U3071 A/B ^b	5:30-8:30
PUBH 5497-F07	Climate Change and Public Health (Levy Zamora)	CQM Conf. Room U30827 ^b	2:00-5:00
Wednesday			
PUBH 5202-F01	Eliminating Social Inequality and Health Disparities (Restrepo-Ruiz)	U3071 A/B ^b	5:30-8:30
PUBH 5409-F01	Introduction to Epidemiology & Biostatistics II, Farmington (Wetstone)	Rotunda ^a	5:30-8:30
PUBH 5409-001	Introduction to Epidemiology & Biostatistics II, Storrs (Wetstone)	Rowe 320 ^d	5:30-8:30
PUBH 5433-F01	Health Program Evaluation (Jo)	Hybrid/U3071 A/B ^b	2:00-5:00
PUBH 5497-F01	Tools & Technology for Public Health Professionals (Palla)	U3071 A/B ^b	11:00-2:00
PUBH 6496-F01	Public Health Doctoral Seminar: Scholarship And Professional Development (Swede)	CQM Conf. Room U30827 ^b	2:00-5:00
Thursday			
PUBH 5431-F01	Public Health Research Methods, Farmington (Cunningham)	U3071 A/B ^b	5:30-8:30
PUBH 5431-001	Public Health Research Methods, Storrs (Cunningham)	Rowe 320 ^d	5:30-8:30
PUBH 5497-F06	Public Health Nutrition (Bermudez-Millan)	U3071 A/B ^b	2:00-5:00
PUBH 5497-F08	Data Visualization in Public Health (Mohamed-Abouh)	Hybrid Limited/ A1 ^a	2:00-5:00
Friday			
PUBH 5497-F03	Leadership Education in Neurodevelopmental and Related Disabilities (LEND) Seminar II (Bruder)	The Exchange, Suite 173 UCEDD Conf. Room ^c	8:30-4:30
PUBH 5497-F04	Public Health in Action: Community Partnership and Practice (Hunter)	U3071 A/B ^b	12:00-3:00
Variable Days			
PUBH 5495-F01	Independent Study in Public Health		
PUBH 5498-F01	Field Experience in Public Health System (Brown)		
PUBH 5499-F01	Capstone Project in Public Health (Brown)		
PUBH 6495-F01	Independent Study of Special Topics in Advanced Public Health Sciences		
Online			
PUBH 5502-F01	Epidemiology of Disability (Lutz)		
PUBH 5504-F01	Public Health Interventions in Disability (Lutz)		
Research and Continuous Registration			
GRAD 5950	Master's Thesis Research		
GRAD 5998-F01	Special Readings		
GRAD 5999-F01	Thesis Research		
GRAD 6950	Doctoral Dissertation Research		
GRAD 6998-F01	Continuous Registration (Doctoral)		
GRAD 6999-F01	Dissertation Preparation		

^a UCONN Health Academic Building

^b UCONN Health 195 Farmington Avenue

^c UCONN Health 270 Farmington Avenue (The Exchange)

^d UCONN Storrs

MONDAYS, 1/26/26 – 5/4/26

PUBH 5404-F01 Environmental Health (7592) UCONN Health Farmington 3 credits

This course explores the policy, political and public health implications of such issues as air pollution, drinking water, exposure to hazardous chemicals, indoor air pollution, food safety, lead poisoning, housing, international issues, etc. Provides the student with some basic technical information and familiarity with terms for a better understanding of policy and political decisions and health effects of environmental exposures. **Permission number required from MPH Office for non-MPH or Foundations of Public Health Certificate Students.**

Instructor: Marco Palmeri, MPH, RS **mpalmeri@uchc.edu**
Time: 5:30-8:30 PM
Location: Academic Rotunda

PUBH 5434-F01 Topics in Intermediate Biostatistics (7601) UCONN Health Farmington 3 credits

An introduction to the interplay of experimental design and data analysis. Begins with a review of statistical estimation and testing. Topics include analysis of variance, linear regression, and power analysis. Applications are emphasized through the demonstration and use of statistical software.

Instructor: Grace Chan, PhD **gchan@uchc.edu**
Time: 5:30 – 8:30 PM
Location: A1

PUBH 5497-F05 Substance Use & Public Health (7607) UConn Health Farmington 3 credits

This course will introduce students to the field of substance use through a public health lens. It will examine: how we classify substance use, substance misuse, and substance use disorders; the impact on population health, including health inequity; and how the social determinants of health impact substance use. Using the socioecological model as a framework, we will analyze key risk and protective factors for substance use. We will review prevention and treatment efforts and critically examine research methods used in the field. Students will gain a critical understanding of current issues in substance use and become experts in a chosen addictive substance or behavior.

Instructor: Erin Mead-Morse, PhD **mead@uchc.edu**
Time: 12:00 – 3:00 PM
Location: Hybrid/U3071 A/B, 195 Farmington Ave.

TUESDAYS, 1/20/26– 5/5/26

PUBH 5405-F01 Social & Behavioral Foundations of Public Health (7593) UCONN Health Farmington 3 credits

This course is an introductory survey emphasizing basic social science concepts in the analysis of public health, including orientations toward health, disease and health care, the origins and distribution of health care resources and the role of social movements and research in improving public health. **Permission number required from MPH Office for non-MPH or Foundations of Public Health Certificate Students.**

Instructor: Helen (Zhao) Wu, PhD
Time: 5:30 – 8:30 PM
Location: Academic Rotunda

zwu@uchc.edu

PUBH 5407-F01 Practicum in Public Health (7594) 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.**

Instructors: Stacey Brown, PhD
Angela Bermudez-Millan, PhD, MPH
Time: 3:00 – 5:00 PM
Location: Hybrid Limited/ U3071 A/B, 195 Farmington Ave.
(Classes meeting virtually and in person will be noted in the syllabus.)

stbrown@uchc.edu
bermudez-millan@uchc.edu

PUBH 5468-F01 Occupational & Environmental Epidemiology (13025) UConn Health Farmington 3 credits

Topics include the history of occupational epidemiology, causal models, occupational exposure classification systems, environmental epidemiology, cohort mortality studies, cross-sectional surveys, case-control studies, ecologic studies, and statistical and methodological issues in research design and their solutions.

Instructor: Jennifer Cavallari, ScD, CIH
Time: 11:00 AM – 2:00 PM
Location: Hybrid Limited/ U3071 A/B, 195 Farmington Ave.

cavallari@uchc.edu

PUBH 5497-F02 Reproductive Ethics, Rights and Public Policy (7610) UCONN Health Farmington 3 credits

This course will explore ethical, human rights, and policy issues related to the provision of reproductive health care using an interdisciplinary perspective. It will examine the requirements of reproductive justice and evolving views over time of the obligations of governments to provide reproductive health services to all women and men. The course will assess the ethical implications of the use of a variety of assisted reproductive technologies, both current and developing technologies, including the genetic screening of embryos, egg donation and payment, sex selection, mitochondrial replacement, and gene editing. The course will also address legal issues related to the regulation of various forms of reproductive health status and pregnancy termination. Course materials will expose students to a variety of perspectives on these topics. We will also track and discuss current controversies and policies related to these issues.

Instructor: Audrey Chapman, PhD, MDiv, STM
Time: 5:30-8:30 pm
Mode: Hybrid Limited/ U3071 A/B, 195 Farmington Ave.

achapman@uchc.edu

TUESDAYS, 1/20/26– 5/5/26 (cont.)

**PUBH 5497-F07 Climate Change and Public Health
(7612) UCONN Health Farmington**

3 credits

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,

mzamora@uchc.edu

Time: 2:00 – 5:00 PM

Location: CQM Conference Room, U30827, 195 Farmington Ave.

WEDNESDAYS, 1/21/26– 5/6/26

**PUBH 5202-F01 Eliminating Social Inequality and Health Disparities
(7605) UCONN Health Farmington**

3 credits

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 the conceptual basis of PUBH 5201.

Instructor: Mayte Restrepo-Ruiz, PhD, MPH

restreporuiz@uchc.edu

Time: 5:30-8:30 pm

Location: U3071 A/B, 195 Farmington Ave.

**PUBH 5409-F01 Introduction to Epidemiology & Biostatistics II
(7595) UCONN Health Farmington**

3 credits

**PUBH 5409-001 Introduction to Epidemiology & Biostatistics II
(11823) UCONN Storrs**

3 credits

Be sure to register for the campus where you intend to attend classes.

This continuation of a two-course sequence on basic epidemiology, biostatistics and public health research addresses hypothesis generation, data collection methods, point and confidence interval estimation, inference testing, correlation/ regression analysis, multivariable interaction, effect modification, power and meta-analysis. Evaluation of study designs, research methods and statistical procedures in clinical and public health literature will be stressed. Non-degree students may request permission to enroll through the MPH Program Office. **Only students who have passed PUBH 5408 are eligible to enroll.** **Permission number required from MPH Office for non-MPH or Foundations of Public Health Certificate Students (Farmington Campus). Permission number required for all registrations on the Storrs Campus.**

Instructor: Scott Wetstone, MD

wetstone@uchc.edu

Time: 5:30 – 8:30 PM

Location: Academic Rotunda – UConn Health, Farmington
Rowe 320 – UConn, Storrs

**PUBH 5433-F01 Health Program Evaluation
(7609)**

3 credits

Methods of evaluating the implementation and impact of health programs. Topics include specification of program objectives and components, experimental and quasi-experimental evaluation designs, collection and analysis of program data, and the dissemination and application of evaluation results.

Instructor: Youngji Jo, PhD

jo@uchc.edu

Time: 2:00 – 5:00 PM

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

WEDNESDAYS, 1/21/26– 5/6/26 (cont.)

**PUBH 5497-F01 Tools & Technology for Public Health Professionals
(13023)**

3 credits

This course equips master's level public health students with essential technical skills for modern public health practice. Emphasis is on the applied use of technology to enhance public health research, communication, and interventions. Through hands-on projects and real-world applications, students will learn to harness collaboration platforms, data management tools, survey software, automation workflows, AI applications, and content creation tools to address public health challenges. Throughout the course, we will explore how these technologies can improve the effectiveness and equity of public health initiatives while remaining grounded in ethical practices and relevant public health frameworks. By the end of the semester, students will produce professional-grade deliverables reflecting real-world public health applications.

Instructor: Tharun Palla, MS

palla@uchc.edu

Time: 11:00 AM – 2:00 PM

Location: U3071 A/B, 195 Farmington Ave.

**PUBH 6496-F01 Public Health Doctoral Seminar: Scholarship & Professional Development
(13026) UCONN Health Farmington**

3 credits

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 and permission number required from MPH Office.

Instructor: Helen Swede, PhD

swede@uchc.edu

Time: 2:00 – 5:00 PM

Location: CQM Conference Room, U30827, 195 Farmington Ave.

THURSDAYS, 1/22/26–5/7/26

PUBH 5431-F01 Public Health Research Methods 3 credits
(7603) UCONN Health Farmington

PUBH 5431-001 Public Health Research Methods 3 credits
(11822) UCONN Storrs

Be sure to register for the campus where you intend to attend classes.

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 collection methods, and qualitative and quantitative data analysis leading to the formulation of research projects. Non-degree students may request permission to enroll through the MPH Program Office. **Permission number required from MPH Office for non-MPH or Foundations of Public Health Certificate Students (Farmington Campus). Permission number required for all registrations on the Storrs Campus.**

Instructor: Shayna Cunningham

scunningham@uchc.edu

Time: 5:30 – 8:30 PM

Location: U3071 A/B, 195 Farmington Ave.
Rowe 320 – UConn, Storrs

PUBH 5497-F06 Public Health Nutrition 3 credits
(13024) UCONN Health Farmington

This course will introduce the topic, emphasizing the definition, identification and prevention of nutrition-related disease, as well as ways of improving health of a population by improving nutrition. This course also emphasizes the societal, economic, environmental and institutional barriers to improving the nutritional status and health of diverse population groups. It will discuss key concepts and methods in nutritional epidemiology in order to equip students with some of the tools needed to design, analyze and critically evaluate population-based nutrition research. Lastly, it will review existing programs and policies, including strengths, weaknesses and areas for modification or new interventions.

Instructor: Angela Bermudez-Millan, PhD, MPH

bermudez-millan@uchc.edu

Time: 2:00 – 5:00 PM

Location: U3071 A/B, 195 Farmington Ave.

PUBH 5497-F08 Data Visualization in Public Health 3 credits
(7608) UCONN Health Farmington

No doubt, there is a pressing need to understand the role of data visualization in modern public health practice. Data visuals are critical in explaining and communicating areas of need, setting priorities, tracking change, and making decisions. This course introduces students to the basic knowledge and principles of analytic design and the ethical concepts of presenting data. It also includes substantial skill building by introducing the students to graphic design. This involves exploring publicly available datasets, selecting and organizing data of interest, then creating compelling data visuals that are accurate, easy to understand, and visually appealing to the audiences. This course is applied in nature with hands-on activities using an online tool called VISME.

Instructor: Fawatih Mohamed-Abouh, MD, MPH

mohamedabouh@uchc.edu

Time: 2:00-5:00 PM

Location: Hybrid Limited/ A1

FRIIDAYS, 1/23/26–5/8/26

PUBH 5497-F03 Leadership Education in Neurodevelopmental and related Disabilities (7602) (LEND) Seminar II UCONN Health Farmington 3 credits

This is the second 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 required.**

Instructor: Mary Beth Bruder, PhD **bruder@uchc.edu**
Time: 8:30-4:30 PM
Location: UCEDD Conference Room, Suite 173, The Exchange, 270 Farmington Ave.

PUBH 5497-F04 Public Health in Action: Community Partnership and Practice (7606) UCONN Health Farmington 3 credits

This course explores real world public health practice through the lens of public health agencies and community organizations addressing health equity, injury and violence, housing and food insecurity, behavioral health, and more. Each week, students will engage directly with leaders from local community groups and public health organizations to understand their missions, strategies, challenges, and impact. Students will reflect on the intersection of policy, systems, and lived experience in shaping health outcomes.

Instructor: Amy Hunter, MPH, PhD **amhunter@uchc.edu**
Time: 12:00 – 3:00 PM
Location: U3071 A/B, 195 Farmington Ave.

VARIABLE DAYS & TIMES

PUBH 5495-F01 Independent Study in Public Health

Variable 1 – 9 credits

UConn Health Farmington

An individual course for those wishing to pursue special topics in the public health sciences under faculty supervision. May be repeated for credit. To register, consult the Independent Study Elective Protocol: Narrative Guidelines found on the [MPH and Graduate School Forms page](#), then submit the [UConn Health Independent Study Request Form](#) with your Independent Study Proposal to the MPH Office.

Instructor: Staff

Time/Instruction Mode: By arrangement

PUBH 5498-F01 Field Experience in Public Health Systems

Variable credits

(7596) 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 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.) **Permission number required from MPH Office.**

Instructor: Stacey Brown, PhD

stbrown@uchc.edu

Time/Instruction Mode: By arrangement

PUBH 5499-F01 Capstone Project in Public Health

Variable 3 - 6 credits

(7597) 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/Instruction Mode: By arrangement

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

Variable 1-9 credits

UConn Health Farmington

A doctoral-level independent study course for Ph.D. students who wish to pursue special topics in advanced public health sciences under faculty supervision. To register, consult the Independent Study Elective Protocol: Narrative Guidelines found on the [MPH and Graduate School Forms page](#), then submit the [UConn Health Independent Study Request Form](#) with your Independent Study Proposal to the MPH Office.

Instructor: Staff

Time/Instruction Mode: By arrangement

ONLINE COURSES

PUBH 5502-F01 Epidemiology of Disability

3 credits

(7599) Online

This course introduces epidemiologic research design and delves deeply into epidemiology, as it applies to monitoring the health status of people with disabilities, diagnosing and investigating health problems, evaluating personal and population-based interventions, and conduct of research as uniquely affecting and affected by disability. It also critically examines sources of public health and epidemiologic data that exist. As part of the Certificate of Interdisciplinary Disability Studies in Public Health (Disability Certificate), the course aligns with the 10 Essential Public Health Services. **Prerequisites: PUBH 5501 (waived with instructor permission). Instructor consent required.**

Instructor: Tara Lutz, PhD, MPH, CHES

lutz@uchc.edu

Dates/Times: By arrangement

PUBH 5504-F01 Public Health Interventions in Disability

3 credits

(7598) Online

This course is the final course in the Certificate of Interdisciplinary Disability Studies in Public Health (Disability Certificate). It aligns with the 10 Essential Public Health Services. It critically examines public health systems and programs across the lifespan available to people with disabilities that impact health. It extends on foundational principles that are evidence-based and driven by epidemiologic studies of disability within the context of existing laws and policies. **Prerequisites: PUBH 5501, 5502, & 5503 (waived with instructor permission). Instructor consent required.**

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 six 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
(12673) 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
(12674) 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

GRAD 6950 Doctoral Dissertation Research Variable 1 - 9 credits
UCONN Health Farmington

Open only to doctoral students. May be repeated for credit. Associated with the research efforts of students pursuing a doctoral degree and may be used to meet the fifteen-credit doctoral research requirement. **Recommendation of student's major advisor and program permission required.**

Instructor: Student's Major Advisor

Time/Instruction Mode: By arrangement

GRAD 6998-F01 Continuous Registration (Doctoral) 0 credits
(12675) UCONN Health Farmington

Open only to doctoral students. May be repeated. A non-credit course for which doctoral students must register in cases where they are not otherwise registered for coursework or dissertation preparation but want to remain active in their program.

Instructor: Student's Major Advisor

Time/Instruction Mode: By arrangement

RESEARCH & CONTINUOUS REGISTRATION (cont.)

GRAD 6999-F01 Dissertation Preparation

0 credits

(12676) UCONN Health Farmington

Open only to doctoral students. May be repeated. A non-credit course to be used by doctoral students who have reached candidacy for the doctoral degree and who are not registered for any other credit-bearing course but are actively working on their dissertations.

Instructor: Student's Major Advisor

Time/Instruction Mode: By arrangement