

Program in Applied Public Health Sciences

Spring 2022 Course Schedule

Course #	Title	Location	Time
Monday			
PUBH 5404-F40	Environmental Health (Palmeri)	Patterson ^a	5:30-8:30
PUBH 5433-F40	Health Program Evaluation (Shaw)	A1 ^a	5:30-8:30
PUBH 5434-F40	Topics in Intermediate Biostatistics (Chan)	U3071 A/B ^b	5:30-8:30
PUBH 5497-F41	Global Environmental Health (Ahmed)	195 Large Conf Room ^b	5:30-8:30
Tuesday			
PUBH 5405-F40	Social & Behavioral Foundations of Public Health (O'Grady)	Patterson ^a	5:30-8:30
PUBH 5460-F40	Health and Human Rights (Chapman)	Distance Learning	5:30-8:30
PUBH 5497-F43	Infectious Disease Epidemiology (Emuren)	U3071 A/B ^b	6:00-9:00
PUBH 5497-F44	Multivariate Analysis of Population Health Data (Rhee)	195 Large Conf Room ^b	5:30-8:30
Wednesday			
PUBH 5202-F40	Eliminating Social Inequality and Health Disparities (Brown)	U3071 A/B ^b	5:30-8:30
PUBH 5409-F40	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 5497-F42	Chronic Disease Prevention and Control (Swede)	U3071 A/B ^b	2:00-5:00
PUBH 5455-F40	Health Education (Nevers)	Distance Learning	5:30- 8:30
Thursday			
PUBH 5431-F40	Public Health Research Methods, Farmington (Cunningham)	Patterson ^a	5:30-8:30
PUBH 5431-001	Public Health Research Methods, Storrs (Cunningham)	BUSN 218 ^d	5:30-8:30
PUBH 5477-F40	Food, Health and Politics (Bermudez-Millan)	U3071 A/B ^b	2:00-5:00
PUBH 5497-F40	Enhancing the Public Health Pipeline (Gregorio)	U3071 A/B ^b	5:30-8:30
PUBH 5497-F46	Global Health Promotion (Restrepo-Ruiz)	195 Large Conf Room ^b	5:30-8:30
Friday			
PUBH 5497-F45	Leadership Education in Neurodevelopmental and Related Disabilities (LEND) Seminar II (Bruder)	The Exchange, Suite 173 UCEDD Conf. Room ^c	8:30-4:30
Variable Days			
PUBH 5407-F40	Practicum in Public Health (Bermudez-Millan/Brown)		
PUBH 5495-F40	Independent Study in Public Health		
PUBH 5498-F40	Field Experience in Public Health System (Brown)		
PUBH 5499-F40	Capstone Project in Public Health (Gregorio)		
PUBH 6495-F40	Independent Study of Special Topics in Advanced Public Health Sciences		
Research and Continuous Registration			
GRAD 5950	Master's Thesis Research		
GRAD 5998-F40	Special Readings		
GRAD 5999-F40	Thesis Research		
Online			
PUBH 5479-F40	Alcohol and Drug Policy Research (Babor)		
PUBH 5481-F40	Research Careers & the Responsible Conduct of Research (Babor)		
PUBH 5502-F40	Epidemiology of Disability (Lutz)		
PUBH 5504-F40	Public Health Interventions in Disability (Lutz)		

^a UCONN Health Academic Building

^b UCONN Health 195 Farmington Avenue

^c UCONN Health 270 Farmington Avenue (The Exchange)

^d UCONN Storrs

MONDAYS, 1/24/22 – 5/2/22

PUBH 5404-F40 Environmental Health 3 credits
(15988) UCONN Health Farmington

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.**

Instructor: Marco Palmeri, MPH, RS mpalmeri@uchc.edu

Time: 5:30-8:30 PM

Mode/Location: In Person/Patterson Auditorium

PUBH 5433-F40 Health Program Evaluation 3 credits
(17458) UCONN Health Farmington

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: William Shaw, PhD wshaw@uchc.edu

Time: 5:30 – 8:30 PM

Mode/Location: In Person/A1

PUBH 5434-F40 Topics in Intermediate Biostatistics 3 credits
(16005) UCONN Health Farmington

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

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

PUBH 5497 F41 Global Environmental Health 3 credits
(16002) UCONN Health Farmington

This course is a comprehensive review of global environmental health seen from a perspective of newly acquired understanding in the basic and applied sciences. It shall study both communicable and non-communicable disease patterns by conducting a re-examination of current guidelines, policies and preventative measures adopted in the field of public health. The potential impact of climate change and global warming will be given particular emphasis, along with recognizing the increased probability of widespread infectious diseases, such as the current coronavirus flu pandemic, occurring more frequently in a globalized economy. The course will also survey the strengths and limitations of current risk assessment and risk management approaches in safeguarding human health from new classes of infectious diseases, toxic substances and chemical agents.

Instructor: A. Karim Ahmed, PhD ahmed@ncseglobal.org

Time: 5:30 – 8:30 PM

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

TUESDAYS, 1/18/22– 5/3/22

**PUBH 5405-F40 Social & Behavioral Foundations of Public Health 3 credits
(15989) UCONN Health Farmington**

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.**

Instructor: Megan O'Grady, PhD **ogrady@uchc.edu**

Time: 5:30 – 8:30 PM

Mode/Location: In Person/Patterson Auditorium

**PUBH 5460-F40 Health and Human Rights 3 credits
(16009)**

This course explores the many ways in which human health and well-being are related to human rights. Human rights are a field of international law that includes major treaties, treaty bodies, and adjudicatory mechanisms. This course will review the ways in which human rights instruments and jurisprudence have addressed health and issues related to health. Students will also study a wide range of substantive public health issues that have a human rights dimension, and consider the ways that human rights are used as advocacy tools to improve the structural environment that shapes the public's health.

Instructor: Audrey Chapman, PhD, MDiv, STM **achapman@uchc.edu**

Time: 5:30-8:30 PM

Mode/Location: Distance Learning

**PUBH 5497-F43 Infectious Disease Epidemiology 3 credits
(16004) UCONN Health Farmington**

This course will provide an overview of infectious disease epidemiology that is structured in two parts. The first part of the course will focus on the concepts, measures and data sources specific to infectious disease epidemiology. Methods of infection control will also be considered during this part of the course. The second part of the course will address specific infectious disease epidemiology challenges including the Ebola outbreak in West Africa and the USA response to it, the introduction of Zika virus into the Americas and the ongoing campaign to eradicate polio. The second part of the course is intended to allow the student the opportunity to apply the skills and knowledge learned during the first part of the course. This elective addresses Public Health Assessment.

Instructor: Leonard Emuren, MD, MPH, PhD

Time: 5:30 – 8:30 PM

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

**PUBH 5497-F47 Multivariate Analysis of Population Health Data 3 credits
(16010) UCONN Health Farmington**

Students interested in producing peer-reviewed research on topics of social psychiatry, gerontology, or healthcare disparities with/without data in hand will work collegially with the instructor to articulate research questions, hypotheses and analytic strategies for the purpose of producing generalizable research findings for publication.

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

Time: 5:30-8:30 PM

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

WEDNESDAYS, 1/19/22– 5/4/22

PUBH 5202-F40 Eliminating Social Inequality and Health Disparities 3 credits
(17457) 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 the conceptual basis of PUBH 5201.

Instructor: Stacey Brown, PhD

stbrown@uchc.edu

Time: 5:30-8:30 pm

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

PUBH 5409-F40 Introduction to Epidemiology & Biostatistics II 3 credits
(15991) UCONN Health Farmington

PUBH 5409-001 Introduction to Epidemiology & Biostatistics II 3 credits
(7244) UCONN Storrs

Be sure to select the campus where you expect 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. **Permission number required from MPH Office.**

Instructor: Scott Wetstone, MD

wetstone@uchc.edu

Time: 5:30 – 8:30 PM

Instruction Mode: In Person/The Rotunda – UConn Health, Farmington
In Person/Rowe 320 – UConn, Storrs

PUBH 5497-F42 Chronic Disease Prevention and Control 3 credits
(16003) UCONN Health Farmington

Chronic diseases are examined from clinical, epidemiologic, genetic, and evidence-based risk reduction perspectives (e.g., physical activity). Health conditions examined include common cancers, diabetes, cardiovascular diseases, chronic obstructive pulmonary disease, obesity epidemic, sickle cell disease/trait and congenital conditions tested in state newborn screening programs. Also covered: historical and modern roles of public health agencies in chronic disease control, occupational health, screening recommendations, and ethnic/racial disparities in incidence and outcomes.

Instructor: Helen Swede, PhD

swede@uchc.edu

Time: 2:00-5:00 PM

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

PUBH 5455-F40 Health Education 3 credits
(17455) UCONN Health Farmington

Methods for planning, presenting, and evaluating health education programs in communities, schools and worksites. Includes use of the Precede Model, setting of goals and objectives, behavior modification theory, group processes, teaching techniques and activities for developing and presenting workshops or courses.

Instructor: Joleen Nevers, MAEd, CHES, CSE, CSES

joleen.nevers@uconn.edu

Time: 5:30 – 8:30 PM

Mode/Location: Distance Learning

THURSDAYS, 1/20/22–5/5/22

PUBH 5431-F40 Public Health Research Methods 3 credits
(16013) UCONN Health Farmington

PUBH 5431-001 Public Health Research Methods 3 credits
(17514) UCONN Storrs

Be sure to select the campus where you expect 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.**

Instructor: Shayna Cunningham **scunningham@uchc.edu**

Time: 5:30 – 8:30 PM

Instruction Mode: In Person/Patterson – UConn Health, Farmington
In Person/BUSN 218 – UConn, Storrs

PUBH 5431-F40 Food, Health and Politics 3 credits
(17456) UCONN Health Farmington

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-Millan, PhD, MPH **bermudez-millan@uchc.edu**

Time: 2:00 – 5:00 PM

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

PUBH 5497-F40 Enhancing the Public Health Pipeline 3 credits
(16001) UConn Health Farmington

Our critically under-staffed and under-resourced public health workforce faces an unparalleled demand for personnel and services. This seminar will provide advanced students a hands-on opportunity to design and deliver educational content intended to generate interest in public health careers through video messaging, hands-on summer experiences and advanced-placement elective coursework for high school students around the State.

Instructor: David Gregorio, PhD, MS **gregorio@uchc.edu**

Time: 5:30 – 8:30 PM

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

PUBH 5497-F46 Global Health Promotion 3 credits
(16011) UCONN Health Farmington

This course covers major health issues affecting low and middle-income countries, the UN's sustainable development goals (SDGs), and the structural issues of LMIC health care systems. Topics will include maternal and child health (MCH); sexual reproductive health (SRH); nutrition and food insecurity; infectious diseases, non-communicable disease (NCD); mental health and substance misuse. Health issues related to forced migration and violence will also be examined. Using a case study approach using Demographic Health Survey data, students will become familiar with the global and regional dynamics and local social contexts that shape global health problems. They will learn to analyze the successes and shortcomings of public health interventions from theory, cultural and evidence-based perspectives, and the theories that are the basis of interventions to address these issues.

Instructor: Maria Restrepo-Ruiz, PhD, MPH **restreporuiz@uchc.edu**

Time: 5:30-8:30 PM

Mode/Location: Hybrid/Blended/A1

FRIDAYS, 1/21/22–5/6/22

PUBH 5497-F45 Leadership Education in Neurodevelopmental and related Disabilities (LEND) Seminar II **3 credits**

(16007) UCONN Health Farmington

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: 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.**

VARIABLE DAYS & TIMES

PUBH 5407-F40 Practicum in Public Health 3 credits
(15990) UConn Health Farmington

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/Instruction Mode: By arrangement

PUBH 5495-F40 Independent Study in Public Health Variable 1 – 9 credits
(16000) 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.

Instructor: Staff

Time/Instruction Mode: By arrangement

PUBH 5498-F40 Field Experience in Public Health Systems Variable credits
(15993) 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-F40 Capstone Project in Public Health Variable 3 - 6 credits
(15994) 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-F40 Independent Study of Special Topics in Advanced Public Health Sciences Variable 1-9 credits
(16015)

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: Staff

Time/Instruction Mode: 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-F40 **Special Readings** **0 credits**
(14633) **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-F40 **Thesis Research** **0 credits**
(17637) **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**

ONLINE COURSES

PUBH 5479-F40 Alcohol and Drug Policy Research 3 credits
(15998) Online

Policymakers and government officials are increasingly seeking answers to practical questions about the impact of policies and programs on the health of the population, as well as on crime rates, traffic accidents and harm to others. Discussion of the measures, methods and research designs used to investigate alcohol and drug policy issues, including prevention science.

Instructor: Thomas Babor, PhD, MPH

babor@uchc.edu

Dates/Times: By arrangement

PUBH 5481-F40 Research Careers & the Responsible Conduct of Research 3 credits
(15999) Online

This course is designed to achieve three objectives: 1) Teach students about the responsible conduct of research and ethical research practices; 2) Provide guidance on how to develop a sound research proposal by guiding students through the public and private grant writing process; and 3) Review career options and employment opportunities in addiction science. **Permission number required from instructor.**

Instructor: Thomas Babor, PhD, MPH

babor@uchc.edu

Dates/Times: By arrangement

PUBH 5502-F40 Epidemiology of Disability 3 credits
(15997) 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: Tara Lutz, PhD, MPH, CHES

lutz@uchc.edu

Dates/Times: By arrangement

PUBH 5504-F40 Public Health Interventions in Disability 3 credits
(15995) 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: Tara Lutz, PhD, MPH, CHES

lutz@uchc.edu

Dates/Times: By arrangement