

Program in Applied Public Health Sciences

Fall 2024 Course Schedule

| Course # | Title | Location | Time |
|---|---|--|------------|
| Monday | | | |
| PUBH 5406-F01 | Law and Public Health (Lazzarini) | Rotunda ^a | 5:30-8:30 |
| PUBH 5432-F01 | SAS Programming and Data Management (Chan) | A1 ^a | 5:30-8:30 |
| PUBH 5497-F10 | Global Health (Restrepo-Ruiz) | PHS Large Conf Room ^b | 5:30-8:30 |
| PUBH 5497-F01 | Public Health Leadership (Pascucilla) | U3071 A/B ^b | 5:30-8:30 |
| Tuesday | | | |
| PUBH 5407-F01 | Practicum in Public Health (Brown/Bermudez-Millan) | Hybrid Limited/U3071 A/B ^b | 3:00-5:00 |
| PUBH 5408-F01 | Introduction to Epidemiology & Biostatistics I, Farmington (Wetstone) | 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 | Policy Development and Advocacy (Passaro) | A1 ^a | 6:00-9:00 |
| PUBH 5497-F05 | Infectious Disease Modeling (Jo) | PHS Large Conf Room ^b | 5:30-8:30 |
| Wednesday | | | |
| PUBH 5201-F01 | Essentials of Social Inequality and Health Disparities (Powell Sears) | Hybrid Limited/U3071 A/B ^b | 5:30-8:30 |
| PUBH 5403-F01 | Health Administration (Mohammad) | Rotunda ^a | 5:30-8:30 |
| PUBH 5455-F01 | Health Education (Nevers) | Online Sync ^e | 5:30-8:30 |
| Thursday | | | |
| PUBH 5411-F01 | Introduction to Interprofessional Public Health Practice, Farmington (Bermudez-Millan) | Rotunda ^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) | PHS Large Conf Room ^b | 5:30-8:30 |
| PUBH 5497-F09 | Health Transformation in Maternal and Child Health (Frost) | Online Sync ^e | 5:30-8:30 |
| Friday | | | |
| PUBH 5497-F04 | Lifestyle Factors in Chronic Disease Epidemiology (Guertin) | Hybrid/U3071 A/B ^b | 12:00-3:00 |
| 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 | | |
| 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

^e Online Synchronous

Public Health Course Descriptions

Mondays, 8/26/24 – 12/9/24

PUBH 5406-F01 Law and Public Health
(11163) UConn Health Farmington

3 credits

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 for non-MPH or Foundations of Public Health Certificate Students.**

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
(11166) UConn Health Farmington

3 credits

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/A1

**PUBH 5497-F01 Public Health Leadership
(11168) UConn Health Farmington**

3 credits

An overview of the inter-relationships between public health organizations/agencies and the adaptive and flexible strategies need for mobilizing practitioners to tackle tough challenges that are impacting their communities' health. Future public health leaders will gain deeper insight into practical leadership tools for resolving recurring organizational challenges pertaining to leadership ethics, personnel management/human resources, labor law and the core function of budget and grant/project management.

Instructor: Michael Pascucilla, PhD, MPH

Time: 5:30 - 8:30 PM

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

PUBH 5497-F10 Global Health
(11182) UConn Health Farmington

3 credits

This seminar will highlight global health challenges and opportunities to generate culturally relevant interventions to address these challenges in low and middle-income countries (LMICs). Disease distribution, country and global population dynamics, the social and cultural context of disease, and health interventions and services in LMICs are discussed, with attention to the health effects of poverty, migration and violence. Classes will combine lectures/discussions with small group work and student presentations. Prerequisite: Intro to Epidemiology and Biostatistics I, or equivalent course.

Instructor: Mayte Restrepo-Ruiz, PhD, MPH

restreporuiz@uchc.edu

Time: 5:30 - 8:30 PM

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

Tuesdays, 8/27/24 – 12/10/24

PUBH 5407-F01 Practicum in Public Health
(11164) 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 PM

Mode/Location: Hybrid Limited/U3071 A/B, 195 Farmington Ave. **(Meets in person on 7 scheduled dates only)**

PUBH 5408-F01 Introduction to Epidemiology & Biostatistics I
(11165) UConn Health Farmington

3 credits

PUBH 5408-001 Introduction to Epidemiology & Biostatistics I
(11109) UConn Storrs

3 credits

Be sure to register for 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 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

Mode/Location: In Person/The Rotunda – UConn Health, Farmington
In Person/Rowe 318 – UConn, Storrs

PUBH 5497-F02 Public Health Ethics
(11169) 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 Policy Development & Advocacy (11171)

3 credits

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: Cara Passaro, JD, MPH

Time: 6:00 – 9:00 PM

Mode/Location: In Person/A1

Tuesdays, 8/27/24 – 12/10/24 (cont.)

**PUBH 5497-F05 Infectious Disease Modeling
(11175) UConn Health Farmington**

3 credits

This course is designed to teach students about the concepts, methods and tools used to understand, predict, and control the spread of infectious diseases within populations. The course covers a range of topics, including basic epidemiological concepts, the dynamics of infectious diseases, the structure of different types of models (such as deterministic and stochastic models), and the application of these models in public health decision-making.

Instructor: Youngji Jo, PhD

jo@uchc.edu

Time: 5:30-8:30 PM

Location: Public Health Sciences Large Conference Room, 195 Farmington Ave.

Wednesdays, 8/27/24 – 12/11/24

PUBH 5201-F01 Essentials of Social Inequality and Health Disparities
(11178) UCONN Health Farmington

3 credits

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: Karen Powell Sears, PhD

powellsears@uchc.edu

Time: 5:30-8:30 pm

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

PUBH 5403-F01 Health Administration
(11162) 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 for non-MPH or Foundations of Public Health Certificate Students.**

Instructor: Amir Mohammad, MBBS, MPH, FACPM

amohammad@uchc.edu

Time: 5:30 – 8:30 PM

Mode/Location: In Person/The Rotunda – UConn Health, Farmington

PUBH 5455-F01 Health Education
(12064) UCONN Health Farmington

3 credits

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: Online Synchronous

Thursdays, 8/28/24– 12/12/24

| | | |
|----------------------------------|---|------------------|
| PUBH 5411-F01 (11172) | Introduction to Interprofessional Public Health Practice UConn Health Farmington | 3 credits |
| PUBH 5411-001 (11111) | Introduction to Interprofessional Public Health Practice UConn Storrs | 3 credits |

Be sure to register for 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 for non-MPH Graduate Students (Farmington Campus). Permission number required for all registrations on the Storrs Campus.**

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|------------------------|--|--------------------------|
| Instructor: | Angela Bermudez-Millan, PhD, MPH | bermudez-millan@uchc.edu |
| Time: | 5:30 – 8:30 PM | |
| Mode/Locations: | In Person/The Rotunda – UConn Health, Farmington In Person/Rowe 318 – UConn, Storrs | |

| | | |
|----------------------------------|---|------------------|
| PUBH 5497-F07 (11177) | Public Health Research Appraisal UConn Health Farmington | 3 credits |
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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.

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|-----------------------|---|----------------|
| Instructor: | Helen Swede, PhD | swede@uchc.edu |
| Time: | 5:30 – 8:30 PM | |
| Mode/Location: | In Person/Public Health Sciences Large Conference Room, 195 Farmington Ave. | |

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|----------------------------------|---|------------------|
| PUBH 5497-F09 (11180) | Health Transformation in Maternal and Child Health UCONN Health Farmington | 3 credits |
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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.

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|-----------------------|--------------------------|-----------------|
| Instructor: | Jordana Frost, DrPH, MPH | jfrost@uchc.edu |
| Time: | 5:30 - 8:30 PM | |
| Mode/Location: | Online Synchronous | |

Fridays, 8/29/24 – 12/13/24

**PUBH 5497-F04 Lifestyle Factors in Chronic Disease Epidemiology
(11173) UConn Health Farmington**

3 credits

This course surveys a variety of lifestyle factors (largely modifiable) and explores their relationship to chronic disease risk and survival. Exposures that will be examined throughout the course include tobacco use, alcohol use, diet and nutrition, obesity, sleep hygiene, and physical activity. We will explore these exposures in relation to a wide spectrum of chronic or noncommunicable diseases. We will use scientific literature to reflect on recent epidemiologic findings in order to gain a better understanding of exposure measurement, study designs focused on modifiable lifestyle factors, and the distribution of lifestyle factors in the population. Examples will focus primarily on observational studies within the United States population.

Instructor: Kristin Guertin, PhD

kguertin@uchc.edu

Time: 12:00 – 3:00 PM

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

**PUBH 5497-F06 Leadership Education in Neurodevelopmental and related Disabilities
(11176) (LEND) Seminar I
UConn Health Farmington**

3 credits

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.**

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, 8/26/24 – 12/13/24

PUBH 5495-F01 Independent Study in Public Health (11170)

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 (11183) UCONN Health Farmington

3 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 identify their own site and complete a learning contract to be approved by Dr. Brown. In addition, students will be required to minimally dedicate a half day (at least 3 daytime hours) each week to their onsite field work obligations, consistent with the hours/schedule of the agency/organization and must adjust their schedules accordingly.) **Instructor consent and permission number required.**

Instructor: Stacey Brown, PhD

stbrown@uchc.edu

Time/Location: By arrangement

PUBH 5499-F01 Capstone Project in Public Health (11167) 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 (11174)

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, 8/26/24 – 12/13/24

PUBH 5501-F01 Foundations of Public Health and Disability (11160) 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 consent and permission number required.**

Instructor: Tara Lutz, PhD, MPH, CHES

lutz@uchc.edu

Dates/Times: By arrangement

PUBH 5503-F01 Disability Law, Policy, Ethics, and Advocacy (11161) 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 consent and permission number required.**

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

Dates/Time: By arrangement

GRAD 5998-F01 Special Readings 0 credits
(11199) 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.

GRAD 5999-F01 Thesis Research 0 credits
(11200) 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.

GRAD 6998-F01 Continuous Registration (Doctoral) 0 credits
(11202) UCONN Health Farmington

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.

GRAD 6999-F01 Dissertation Preparation 0 credits
(11203) UCONN Health Farmington

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.