# UCONN | UNIVERSITY OF CONNECTICUT

# **Program in Applied Public Health Sciences**

# 2021-22 Student Handbook

# Master of Public Health (M.P.H.)

**Concentration in Interprofessional Public Health Practice** 

# **UConn Graduate Certificates**

Foundations of Public Health Addiction Science Interdisciplinary Disability Studies Social Determinants of Health & Disparities

# Doctor of Philosophy in Public Health (Ph.D.)

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Useful web addresses		
Academic Calendar	https://registrar.uconn.edu/academic-calendar/	
CITI Training	https://about.citiprogram.org/en/homepage/_	
HuskyCT	https://lms.uconn.edu/	
M.P.H. email	https://mail.uchc.edu	
PeopleSoft	https://studentadmin.uconn.edu/	
UConn	https://uconn.edu/	
UConn Graduate School Catalog	https://gradcatalog.uconn.edu/	
UConn Health	https://health.uconn.edu/	
UConn Health Graduate School	https://health.uconn.edu/graduate-school/	
UConn Health Institutional Review Board (IRB)	https://ovpr.uchc.edu/services/rics/hspp/irb/	
UConn Health Registrar	https://health.uconn.edu/registrar/	
UConn M.P.H. Program	https://mph.uconn.edu/	

### **UConn Program in Applied Public Health Sciences**

This handbook is a guide for students, to be used with the rules and procedures of the UConn Graduate School Catalog (see: <u>https://gradcatalog.uconn.edu/</u>). Complementary information is available (see: <u>https://mph.uconn.edu/</u>).

The UConn Department of Public Health Sciences offers the Master of Public Health (M.P.H.), the Doctor of Philosophy (Ph.D.) and several Graduate certificates. The Program in Applied Public Health Sciences operates under dual supervision of the School of Medicine and UConn Graduate School. The following figure depicts both the various components of our program and lines of authority.



#### **Program and Graduate School Administration**

UConn administrators, faculty and staff are readily available to students in order to ensure a positive experience during their course of study. The Program maintains an information line (860-679-5470) where you can leave messages for later review.

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## Master of Public Health (M.P.H.) Degree

The M.P.H. degree is intended for students seeking practice-based careers in governmental service, non-governmental agencies, health care organizations and academia. The M.P.H. degree requirements conform to those of the UConn Graduate School, as well as standards specified by the Council on Education for Public Health (CEPH), the independent agency recognized by the U.S. Department of Education to accredit public health schools and programs. UConn's M.P.H. Program has been fully accredited by CEPH since 1984. Our M.P.H. degree offers a concentration in Applied Public Health Sciences.

#### Values

Our Program in Applied Public Health Sciences, consistent with the values of our University and the principles of public health practice, prioritizes the following values:

- Population centric putting public concerns and needs above individuals or the profession.
- Evidence based utilizing best available information to inform decisions and actions in the practice of public health.
- Social justice believing that wellness is a public good and fundamental right of all individuals. As such, we challenge the basis of health inequity wherever it occurs.
- Engagement fostering reciprocal, equitable partnerships among stakeholders to distribute responsibilities for selection, implementation and assessment of public health activities.
- Teamwork functioning across disciplines and circumstance to achieve integrated, cohesive approaches to community concerns.
- Advocacy increasing awareness and support for a robust, comprehensive public health agenda.
- Resolve preparing lifelong learners to address current and emerging public health challenges.
- Integrity promoting the highest standards of objectivity and accountability in work and interpersonal relations.
- Respect incorporating differing beliefs, cultures and practices into all program activities.

#### Mission

In furtherance of our program's vision, the mission of our program in Applied Public Health Sciences is to offer an exemplary academic environment that prepares interprofessional learners to achieve high standards of public health practice. Public health careers for the 21st century, along with many in the related health and human services, will require competence in interprofessional practice that coordinates skill sets and perspectives of various disciplines in pursuing effective, comprehensive, systems-level improvements to our environment and social structure. Competencies of interprofessional practice refer to the capacity of individuals and teams to enact knowledge, skills, values and attitudes essential for working together across professions and stakeholder groups to improve outcomes.

#### **Goals and Objectives**

Consistent with our program's values and mission, we pursue the following 5 goals and 17 measurable objectives: <u>Scholarship of Integration (Interprofessional Goal)</u> We will sustain an environment wherein students, staff, faculty and community partners build partnerships and gain firsthand knowledge and collaborative experiences across disciplines of public health, law, social work, pharmacy, medicine, dentistry, basic sciences and engineering, education, rehabilitation, public administration and allied health professions.

Goal: To recruit and prepare students to earn the M.P.H. degree, while encouraging their collaborative engagement with students, faculty and programs across the university and among relevant community-based stakeholders in order to enhance the delivery of systems level approaches to health promotion/disease prevention in populations.

Objectives: Provide options for public health students to pursue professional (dual) degrees that integrate public health, clinical and non-clinical disciplines. Encourage and accommodate enrollment of students from across the University and the community into public health courses.

<u>Scholarship of Teaching (Education Goal)</u> We will be innovative in the delivery of curriculum, the provision of experiential learning options and the evaluation of curricular practices.

Goal: To prepare, through exemplary didactic and experiential learning, competent public health practitioners who know and demonstrate interprofessional understanding of public health, medicine, dental medicine,

nursing, pharmacy, law, social work and public administration.

*Objectives: Offer a competency-based curriculum.* 

Facilitate global learning and research by faculty and students. Assure graduates are competent practitioners of public health. Nurture diversity of experience in interest in faculty, students and program staff. Maintain appropriate faculty to deliver exemplary curriculum.

<u>Scholarship of Application (Service Goal)</u> We will be active proponents and policy developers to favorably affect the social determinants of health and the delivery of public health services.

Goal: To enable students, staff, faculty and community-based partners to contribute competent, collaborative effort toward assuring healthful, satisfying lives of Connecticut residents and beyond.

Objectives: Promote continuing education/lifelong learning across public health specialties. Emphasize service learning throughout the curriculum. Support career development among the public health workforce.

<u>Scholarship of Discovery (Research Goal)</u> We will support activities that increase our understanding of the social, behavioral, physical and biological bases of population health and health service delivery.

- Goal: To uncover determinants of health and well-being and disseminate that information in support of evidence-based health promotion/disease prevention practices for populations.
- Objectives: Prepare students to design, undertake and disseminate relevant public health research. Promote ethical, compassionate and culturally appropriate public health research. Promote research focused on causes and control of inequities in health.

<u>Scholarship of Administration (Leadership Goal)</u> We will continually examine our efforts to prepare competent, successful and satisfied students, support the work of faculty, staff and community partners and have meaningful impact on the well-being and prosperity of our community.

- Goal: To effectively utilize University, program and community resources to sustain a high quality, high impact program in academic public health. In doing so, UConn's Program in Applied Public Health Sciences will be recognized as the leading academic institution preparing leaders in the interprofessional practice of public health.
- Objectives: Identify and retain qualified faculty, within and outside of public health to serve as academic advisors and instructors of public health students.

Recruit and retain diversity among students, faculty and staff.

Secure necessary financial and material resources to fulfill our mission, goals and objectives. Communicate effectively with stakeholders and the community-at-large in advocacy of our discipline and educational offerings.

#### **Application Process**

Applicants for the M.P.H. degree are expected to demonstrate a strong academic record, background and/or experience relevant to public health with well-articulated career goals that reflect their focus and commitment to the health of the community. Application to our program is through the UConn Graduate School (<u>https://grad.uconn.edu/admissions/apply-to-uconn/</u>). An application fee, unless a fee waiver is applicable (<u>https://grad.uconn.edu/admissions/fee-waiver-policy/</u>), is required.

# Without substantial justification, applicants are only considered for Fall enrollment and are strongly encouraged to submit the following required materials by January 1 for full consideration. Applications received after the 2<sup>nd</sup> week of July cannot <u>be</u> considered for fall admission.

- Applicants must hold a baccalaureate degree, or its equivalent, from a regionally accredited college or university and submit a copy of transcripts where prior academic work was undertaken. If admitted, official transcripts bearing the impressed or colored seal of an institution where prior academic work was undertaken must be submitted. All sealed transcripts should be compiled and sent to the Graduate Admissions Office, 438 Whitney Rd, Ext, Unit 1152, Storrs, CT 06269-1152.
- Applicants must have earned a cumulative grade point average (GPA) of 3.0 for the entire undergraduate career, or a GPA of 3.0 for the last 2 years of undergraduate study, or a GPA of 3.5 for the final year of undergraduate study.

For applicants holding a satisfactory undergraduate GPA, a GPA of 3.0 for any related graduate coursework is required for admission.

- Applications from international students who require U.S. student visa sponsorship by the University of Connecticut must be prepared to submit an immigration document request to the International Student & Scholar Services (ISSS) Office after you have been admitted to The Graduate School. Submit your I-20/DS-2019 request to ISSS at least one month before the semester that you will begin your program. You will require a NetID to apply for an I-20 or DS-2019. This will be emailed to you within 2-5 business days of receiving your admission notification. For any assistance with your NetID or reissue of the information already emailed, please contact the ITS at (860) 486-4357 or email techsupport@uconn.edu. Questions should be addressed to the ISSS office: international@uconn.edu
- If English is not the applicant's primary language, evidence of English proficiency on the Test of English as a Foreign Language (TOEFL) may be required (a minimum TOEFL score of 600 (paper) or 250 (computer) is required for admissions). The TOEFL should be taken well in advance of the admission deadlines to assure consideration for the requested admit term. Copies of score reports sent to students are acceptable. The IELTS test is also acceptable. To have TOEFL scores included with an application, use institution code 3915.
- Three (3) letters of recommendation attesting to an applicant's academic and experiential background.
- A personal statement articulating reasons for undertaking graduate work in public health. Self-assessment as to strengths (e.g., academic honors, scholarships, or fellowships) and weaknesses also is helpful in determining the appropriateness of this program in meeting an applicant's needs.
- A residence affidavit (included in the online application) for consideration of in-state tuition. If you are a legal resident of a New England state, you may be eligible for a tuition reduction under the New England Regional Student Program. The New England Board of Higher Education provides New England residents with a tuition reduction when they pursue certain majors at New England public colleges and universities. To be eligible for this tuition reduction, the student must be enrolled in an approved degree program that is not available at a public institution in their home state. Qualified students pay 175% of UConn's in-state tuition cost.

#### **Degree Requirements**

Courses in our M.P.H. Program carry 3 credits, reflecting approximately 45 contact hours per semester and 90-120 hours of related out-of-class work. To remain in 'good standing' students must maintain a cumulative grade point average (GPA) of 3.0, with no grade below 'B' in our foundational or concentration courses. Failure to remain in 'good standing' will result in a recommendation for remediation or termination from the Program.

#### Standalone Option

The M.P.H. degree can be earned by completing 48 credits of PUBH-related coursework. All degree requirements must be completed within 6 years of beginning matriculation toward the degree. Individuals needing more time to complete the degree may be required to pass the Certified in Public Health (CPH) national examination before being allowed to continue matriculation in the program. UConn recognizes full-time status as enrollment in 9 or more graduate credits (or 6 or more credits for students receiving graduate assistantships). Our program requires all students to enroll in a minimum of 6 credits per semester to maintain satisfactory academic progress. Full-time students typically require 2 academic years to complete program requirements; part-time students typically require 4 years of study.

1. Foundational courses: Students seeking the M.P.H. are expected to complete the following seven (7) foundational courses with grades of 'B' or better in each.

PUBH 5403 Health Administration PUBH 5404 Environmental Health PUBH 5405 Social and Behavioral Foundations of Public Health

PUBH 5408 Epidemiology & Biostatistics I PUBH 5409 Epidemiology & Biostatistics II PUBH 5431 Public Health Research Methods

PUBH 5406 Law and Public Health

- 2. Concentration course: The UConn M.P.H. concentration on Interprofessional Public Health Practice requires students to complete one additional course, with a grade of 'B' or better. PUBH 5411 Introduction to Interprofessional Public Health Practice
- 3. Applied Practice Experience (APE). Students enrolled in the Standalone or FastTrack M.P.H. option must complete PUBH 5407 Practicum in Public Health as a 2-semester, 6-credit requirement.

- 4. In addition to program requirements associated with the Applied Practice Experience (AKA, the Practicum), students must complete a minimum of 20 hours of intentional action that is engaged with the community (i.e., an approved external governmental or non-governmental service agency, small local business, community-based organization) and submit a brief reflective essay (250-500 words) summarizing the experience (prompts for the reflection will be provided via Portfolium (See Page 10)). Action Hours are a critical pathway to gain integral dynamic experience(s), learning from individuals and entities of various cultures, backgrounds and needs. Moreover, such critical and intentional engagement and action boosts academic achievement, provides transformational experiences that engender a sense of social responsibility and prompt ongoing community involvement while developing the students' deeper sense of self.
- 5. Depending on the student's plan of study, students will complete 3-5 electives (9-15 credits) reflecting a student's substantive area(s) of interest.
- Integrative Learning Experiences (ILE) All M.P.H. candidates are required to complete an ILE that demonstrates synthesis of foundational and concentration competencies in addressing a significant public health concern through either novel inquiry (i.e., GRAD 5950 - 9 credit thesis) or efficacious practice (i.e., PUBH 5499 - 3 credit capstone project).
- Prior to graduation, students must document mastery of our program's foundational and concentration competencies utilizing Portfolium or the program's <u>fillable form</u>. For each competency, at least one specific activity (e.g., graded assignment or term paper, poster or oral presentation, testing, service activity), with documentation is required.

	Full-	Full-time study		Part-time study	
	Fall Term	Spring Term	Fall Term	Spring Term	
Year 1	PUBH 5403	PUBH 5404	PUBH 5411	PUBH 5405	
	PUBH 5408	PUBH 5405	PUBH 5408	PUBH 5409	
	PUBH 5411	PUBH 5409			
	PUBH Elective	PUBH 5431			
Year 2	PUBH 5406	PLAN A Thesis:	PUBH 5406	PUBH 5404	
	PUBH 5407	PUBH 5407	PUBH 5407	PUBH 5407	
	PUBH Elective	GRAD 5950			
	PUBH Elective	PLAN B Non-thesis:			
		PUBH 5407			
		PUBH Elective			
		PUBH Elective			
		PUBH 5499			
Year 3			PUBH 5403	PUBH 5431	
			PUBH Elective	PUBH Elective	
Year 4			Plan A Thesis:		
			PUBH Elective		
			GRAD 5950 (3 credits)	GRAD 5950 (6 credits)	
			Plan B	Non-thesis:	
			PUBH Elective	PUBH Elective	
			PUBH Elective	PUBH 5499	

#### Suggested Standalone M.P.H. Plans of Study

#### FastTrack Option

The *FastTrack* M.P.H. degree can be earned by completing 42 credits of PUBH-related coursework. All degree requirements must be completed within 6 years of beginning matriculation toward the degree. Individuals needing more time to complete the degree may be required to pass the Certified in Public Health (CPH) national examination before being allowed to continue matriculation in the program. *FastTrack* students typically require 1 academic year of full-time study to complete program requirements.

- 1. Foundational courses: *FastTrack* students seeking the M.P.H. are expected to complete the following three (3) foundational courses while UConn undergraduates, with grades of 'B' or better in each.
  - PUBH 5408 Epidemiology & Biostatistics I

PUBH 5409 Epidemiology & Biostatistics II

PUBH 5431 Public Health Research Methods

- Concentration course: The UConn M.P.H. concentration on Interprofessional Public Health Practice requires students to complete one additional course, with a grade of 'B' or better.
   PUBH 5411 Introduction to Interprofessional Public Health Practice
- 3. Applied Practice Experience (APE). Students enrolled in the Standalone or *FastTrack* M.P.H. option must complete PUBH 5407 Practicum in Public Health as a 2-semester, 6-credit requirement. Students enrolled as Dual-degree candidates complete the APE requirement through 1 semester, 3-credits of PUBH 5407.
- 4. In addition to program requirements associated with the Applied Practice Experience (AKA, the Practicum), students must complete a minimum of 20 hours of intentional action that is engaged with the community (i.e., an approved external governmental or non-governmental service agency, small local business, community-based organization) and submit a brief reflective essay (250-500 words) summarizing the experience (prompts for the reflection will be provided via Portfolium (See Page 10)). Action Hours are a critical pathway to gain integral dynamic experience(s), learning from individuals and entities of various cultures, backgrounds and needs. Moreover, such critical and intentional engagement and action boosts academic achievement, provides transformational experiences that engender a sense of social responsibility and prompt ongoing community involvement while developing the students' deeper sense of self.
- 5. Depending on the student's plan of study, students will complete 1-3 electives (3-9 credits) reflecting a student's substantive area(s) of interest.
- 6. Integrative Learning Experiences (ILE) All M.P.H. candidates are required to complete an ILE that demonstrates synthesis of foundational and concentration competencies in addressing a significant public health concern through either novel inquiry (i.e., GRAD 5950 9 credit thesis) or efficacious practice (i.e., PUBH 5499 3 credit capstone project).
- 7. Prior to graduation, students must document mastery of our program's foundational and concentration competencies utilizing Portfolium or the program's <u>fillable form</u>. For each competency, at least one specific activity (e.g., graded assignment or term paper, poster or oral presentation, testing, service activity), with documentation is required.

	Summer Term	Fall Term	Spring term
Undergraduate study		PUBH 5408	PUBH 5409
		PUBH 5411	PUBH 5431
Year 1 Graduate study	PUBH Elective	PUBH 5403	PUBH 5404
Plan A Thesis		PUBH 5406	PUBH 5405
		PUBH 5407	PUBH 5407
		GRAD 5950 (3 cr.)	GRAD 5950 (6 cr.)
Year 1 Graduate study	PUBH Elective	PUBH 5403	PUBH 5404
Plan B Non-thesis	PUBH Elective	PUBH 5406	PUBH 5405
		PUBH 5407	PUBH 5407
		PUBH Elective	PUBH 5499

#### Suggested FastTrack M.P.H. Plans of Study

#### **Dual-degree Options**

Candidates who pursue a degree in medicine, dental medicine, law, social work or pharmacy simultaneously with their public health studies can earn the M.P.H. by completing 36 credits of PUBH-related coursework. All degree requirements must be completed within 6 years of beginning matriculation toward the degree. Individuals needing more time to complete the degree may be required to pass the Certified in Public Health (CPH) national examination before being allowed to continue matriculation in the program. *Dual degree s*tudents typically require 1-2 additional years of study to complete both degrees.

1. Foundational courses: Students seeking the M.P.H. are expected to complete the following seven (7) foundational courses with grades of 'B' or better in each.

PUBH 5403 Health Administration PUBH 5404 Environmental Health PUBH 5405 Social and Behavioral Foundations of Public Health PUBH 5406 Law and Public Health PUBH 5408 Epidemiology & Biostatistics I PUBH 5409 Epidemiology & Biostatistics II

h PUBH 5431 Public Health Research Methods

2. Concentration course: In acknowledgement of their dual-degree status, the requirement to complete PUBH 5411 Introduction to Interprofessional Public Health Practice is waived.

- 3. Applied Practice Experience (APE). Students enrolled in a dual degree option must complete PUBH 5407 Practicum in Public Health as a 1-semester, 3-credit requirement.
- 4. In addition to program requirements associated with the Applied Practice Experience (AKA, the Practicum), students must complete a minimum of 20 hours of intentional action that is engaged with the community (i.e., an approved external governmental or non-governmental service agency, small local business, community-based organization) and submit a brief reflective essay (250-500 words) summarizing the experience (prompts for the reflection will be provided via Portfolium (See Page 10)). Action Hours are a critical pathway to gain integral dynamic experience(s), learning from individuals and entities of various cultures, backgrounds and needs. Moreover, such critical and intentional engagement and action boosts academic achievement, provides transformational experiences that engender a sense of social responsibility and prompt ongoing community involvement while developing the students' deeper sense of self.
- Depending on the student's plan of study, students pursing a dual degree with Medicine, Dental Medicine or Social Work will complete 3-5 electives (9-15 credits), while students pursing a dual degree with Law or Pharmacy will complete 1-3 electives (3-9 credits) reflecting a student's substantive area(s) of interest.
- 6. Integrative Learning Experiences (ILE) All M.P.H. candidates are required to complete an ILE that demonstrates synthesis of foundational and concentration competencies in addressing a significant public health concern through either novel inquiry (i.e., GRAD 5950 9 credit thesis) or efficacious practice (i.e., PUBH 5499 3 credit capstone project).
- 7. Prior to graduation, students must document mastery of our program's foundational and concentration competencies utilizing Portfolium or the program's <u>fillable form</u>. For each competency, at least one specific activity (e.g., graded assignment or term paper, poster or oral presentation, testing, service activity), with documentation is required.

	M.P.H. Dual degree with				
Courses	M.D.	D.M.D.	J.D.	M.S.W.	PharmD
PUBH 5403 Health Administration	Х	Х	Х	Х	Х
PUBH 5404 Environmental Health	Х	Х	Х	Х	Х
PUBH 5405 Social and Behavioral	Х	Х	Х		Х
Foundations of Public Health					
PUBH 5406 Law and Public Health	Х	Х	Х	Х	Х
PUBH 5407 Practicum in Public Health-					
Fall					
PUBH 5407 Practicum in Public Health-	Х	Х	Х	Х	Х
Spring					
PUBH 5408 Epidemiology &			Х	Х	Х
Biostatistics I					
PUBH 5409 Epidemiology &			Х	Х	х
Biostatistics II					
PUBH 5411 Principles of					
Interprofessional Public Health Practice					
PUBH 5431 Public Health Research	Х	Х	Х		х
Methods					
Plan A Thesis					
Public Health Elective Credits	9	9	3	9	3
Grad 5950 Thesis Research Credits	9	9	9	9	9
Plan B Non-Thesis					
Public Health Elective Credits	15	15	9	15	15
PUBH 5499 Capstone Project Credits	3	3	3	3	3

#### Suggested Dual Degree M.P.H. Plans of Study

In accordance with accreditation standards, our MPH program has designed a curriculum that assures students master subject matter relevant to the following 12 learning objectives:

Learning Objectives	Courses Addressing Learning Objectives
1. Explain public health history, philosophy and values	PUBH 5403 Health Administration PUBH 5406 Law and Public Health
2. Identify the core functions of public health and the 10 Essential Services*	PUBH 5403 Health Administration PUBH 5406 Law and Public Health PUBH 5411 Interprofessional Public Health Practice PUBH 5431 Public Health Research Methods
<ol> <li>Explain the role of quantitative and qualitative methods and sciences in describing and assessing a population's health</li> </ol>	PUBH 5405 Social Foundations of Public Health PUBH 5408 Epidemiology and Biostatistics I PUBH 5409 Epidemiology and Biostatistics II PUBH 5411 Interprofessional Public Health Practice PUBH 5431 Public Health Research Methods
<ol> <li>List major causes and trends of morbidity and mortality in the U.S or other community relevant to the school or program</li> </ol>	PUBH 5404 Environmental Health PUBH 5405 Social Foundations of Public Health PUBH 5408 Epidemiology and Biostatistics I PUBH 5409 Epidemiology and Biostatistics II PUBH 5411 Interprofessional Public Health Practice
5. Discuss the science of primary, secondary and tertiary prevention in population health, including health promotion, screening, etc.	PUBH 5409 Epidemiology and Biostatistics II
<ol> <li>Explain the critical importance of evidence in advancing public health knowledge</li> </ol>	PUBH 5403 Health Administration PUBH 5404 Environmental Health PUBH 5405 Social Foundations of Public Health PUBH 5406 Law and Public Health PUBH 5408 Epidemiology and Biostatistics I PUBH 5409 Epidemiology and Biostatistics II PUBH 5411 Interprofessional Public Health Practice PUBH 5431 Public Health Research Methods
7. Explain effects of environmental factors on a population's health	PUBH 5404 Environmental Health
8. Explain biological and genetic factors that affect a population's health	PUBH 5404 Environmental Health
<ol> <li>Explain behavioral and psychological factors that affect a population's health</li> </ol>	PUBH 5405 Social Foundations of Public Health
IO. Explain the social, political and economic determinants of health and how they contribute to population health and health inequities	PUBH 5403 Health Administration PUBH 5405 Social Foundations of Public Health PUBH 5406 Law and Public Health PUBH 5411 Interprofessional Public Health Practice
11. Explain how globalization affects global burdens of disease	PUBH 5404 Environmental Health
<ol> <li>Explain an ecological perspective on the connections among human health, animal health and ecosystem health (e.g., One Health)</li> </ol>	PUBH 5404 Environmental Health

#### **M.P.H.** Foundational Competencies

In accordance with accreditation standards, our competency-based MPH program prepares students to demonstrate competent performance of 22 foundational standards of public health practice. UConn M.P.H. students are expected, through coursework, experiential and culminating activities, to demonstrate mastery of skills, practices and perspectives that contribute to our program's vision of making Connecticut residents among the healthiest, most productive and satisfied of Americans.

Foundational Competencies	Courses Addressing Foundational Competencies
1. Apply epidemiological methods to the breadth of settings and situations	PUBH 5404 Environmental Health
in public health practice	PUBH 5408 Epidemiology and Biostatistics I
	PUBH 5408 Epidemiology and Biostatistics II
	PUBH 5411 Interprofessional Public Health Practice
	PUBH 5431 Public Health Research Methods
2. Select quantitative and qualitative data collection methods appropriate	PUBH 5409 Epidemiology and Biostatistics II
for a given public health context	PUBH 5431 Public Health Research Methods
3. Analyze quantitative and qualitative data using biostatistics, informatics,	PUBH 5409 Epidemiology and Biostatistics II
computer-based programming and software, as appropriate	PUBH 5431 Public Health Research Methods
4. Interpret results of data analysis for public health research, policy or	PUBH 5408 Epidemiology and Biostatistics I
practice	PUBH 5409 Epidemiology and Biostatistics II
	PUBH 5411 Interprofessional Public Health Practice
5. Compare the organization, structure and function of health care, public	PUBH 5403 Health Administration
health and regulatory systems across national and international settings	PUBH 5404 Environmental Health
	PUBH 5406 Law and Public Health
6. Discuss the means by which structural bias, social inequities and racism	PUBH 5406 Law and Public Health
undermine health and create challenges to achieving health equity at	PUBH 5411 Interprofessional Public Health Practice
organizational, community and societal levels	PUBH 5431 Public Health Research Methods
7. Assess population needs, assets and capacities that affect communities'	PUBH 5405 Social Foundations of Public Health
health	PUBH 5411 Interprofessional Public Health Practice
	PUBH 5431 Public Health Research Methods
8. Apply awareness of cultural values and practices to the design or	PUBH 5405 Social Foundations of Public Health
implementation of public health policies or programs	PUBH 5406 Law and Public Health
9. Design a population-based policy, program, project or intervention	PUBH 5403 Health Administration
	PUBH 5411 Interprofessional Public Health Practice
	PUBH 5431 Public Health Research Methods
10. Explain basic principles and tools of budget and resource management	PUBH 5403 Health Administration
11. Select methods to evaluate public health programs	PUBH 5431 Public Health Research Methods
12. Discuss multiple dimensions of the policy-making process, including the	PUBH 5406 Law and Public Health
roles of ethics and evidence	PUBH 5411 Interprofessional Public Health Practice
13. Propose strategies to identify stakeholders and build coalitions and	PUBH 5403 Health Administration
partnerships for influencing public health outcomes	PUBH 5411 Interprofessional Public Health Practice
	PUBH 5431 Public Health Research Methods
14. Advocate for political, social or economic policies and programs that will	PUBH 5404 Environmental Health
improve health in diverse populations	PUBH 5406 Law and Public Health
15. Evaluate policies for their impact on public health and health equity	PUBH 5403 Health Administration
	PUBH 5404 Environmental Health
	PUBH 5405 Social Foundations of Public Health
	PUBH 5406 Law and Public Health
16. Apply principles of leadership, governance and management, which	PUBH 5406 Law and Public Health
include creating a vision, empowering others, fostering collaboration and	PUBH 5411 Interprofessional Public Health Practice
guiding decision-making	PUBH 5431 Public Health Research Methods
17. Apply negotiation and mediation skills to address organizational or	PUBH 5403 Health Administration
community challenges	PUBH 5411 Interprofessional Public Health Practice
18. Select communication strategies for different audiences and sectors	PUBH 5406 Law and Public Health
10. Select communication strategies for unreferit addiences and sectors	PUBH 5411 Interprofessional Public Health Practice
19. Communicate audience-appropriate public health content, both in	PUBH 5405 Social Foundations of Public Health
writing and through oral presentation	PUBH 5406 Law and Public Health
	PUBH 5411 Interprofessional Public Health Practice

20. Describe the importance of cultural competence in communicating public health content	PUBH 5405 Social Foundations of Public Health PUBH 5411 Interprofessional Public Health Practice
21. Perform effectively on interprofessional teams	PUBH 5411 Interprofessional Public Health Practice
22. Apply systems thinking tools to a public health issue	PUBH 5403 Health Administration PUBH 5411 Interprofessional Public Health Practice

#### M.P.H. Concentration-specific Competencies

In accordance with accreditation standards, graduates of our program must demonstrate intermediate-to-advanced competence in 5 areas specific to their area of concentration.

	Concentration on Interprofessional Public Health Practice	Courses Addressing Concentration Competencies
1.	Utilize principles of community-based participatory research (CBPR) to collect, interpret and disseminate data to inform public health practice.	PUBH 5407 Practicum in Public Health
2.	Consider evidence-informed practices across related disciplines to define comprehensive, system-level approaches to public health issues.	PUBH 5407 Practicum in Public Health
3.	Engage with community stakeholders to disseminate evidence-based public health information to varied audiences.	PUBH 5407 Practicum in Public Health PUBH 5499 ILE Project or GRAD 5950 ILE Thesis
4.	Employ legal-ethical reasoning to advance interprofessional public health policy and practices.	PUBH 5407 Practicum in Public Health
5.	Demonstrate advanced use of Systems Thinking (ST) in promoting effective interprofessional public health programs and policies.	PUBH 5499 ILE Project or GRAD 5950 ILE Thesis

#### Portfolium

The mastery of foundational and concentration competency rests on the student's documentation of activities and experiences related to a specific competency. Using Portfolium as a documentary platform, students should enter a record of performance in courses (i.e., exemplary papers, instructor commentaries, etc.), as well as required and voluntary experiential learning.

#### Waivers and Transfer of Credits Toward the M.P.H. Degree

Students pursing the standalone M.P.H. may request a course waiver or credit transfer to their M.P.H. Plan of Study when coursework completed elsewhere (regardless of whether they have been applied to a prior degree) exhibits significant overlap with available M.P.H. Program courses. Course waivers apply to foundational course requirements with an expectation that alternative (i.e., advanced) courses will be completed. Up to 6-credits may be transferred to a student's Plan of Study. Dual degree candidates may request a course waiver, but are not eligible to apply for credit waivers or credit transfers.

Students requesting course waivers, credit waivers and credit transfers must demonstrate that the action appropriately addresses one or more of our program's competencies, exhibits equivalency of workload requirements (i.e., required time/effort, performance expectations), and yielded minimum grade of B through evidence presented in course outlines, catalog descriptions, coursework products, etc. Such requests will be considered individually and must be approved by the student's major advisor and the Program Director. The Graduate School customarily allows six (6) credits to be transferred from another academic institution. Such transfer is permitted when the student has "demonstrated the ability to do acceptable graduate work at the University of Connecticut," and the credits meet the following criteria:

- credits are from an accredited institution,
- student earned a grade of B or higher in the course, and
- course contributes to the objectives of the student's proposed Plan of Study.

#### **Satisfactory Academic Performance**

Program courses typically carry 3 credits, each requiring the equivalent of 45 contact hours and 150 hours of academic effort. Students registered for foundational or elective courses are graded (A-F or S/U) to reflect the quality of their performance on assignments (e.g., reading comprehension, group discussion, papers, exams, and oral presentations). The Program Administration monitors student grades each semester to identify students with academic deficiencies and communicates with them and their academic advisors as to whether remediation is necessary. Students are expected to maintain a cumulative GPA of 3.0 while matriculating. A grade of less than B in a foundational course or less

than C+ in an elective course represents an academic deficiency that requires a remediation plan approved by a student's major advisor and Program Director. Cumulative GPAs below 3.0 represent serious academic deficiency that could result in suspension or termination from the Program.

In addition to performing well in class, students are expected to demonstrate proficiency as public health practitioners with respect to M.P.H. Program's foundational and concentration competencies. We consider these standards to be real-time indicators of program effectiveness. Approval by the Program that all requirements of the M.P.H. degree are completed, requires students to document activities demonstrating that each of 22 foundational and 5 concentration competencies have been mastered. Activities related to foundational competencies typically reflect activities associated with traditional domains of public health (e.g., epidemiology, biostatistics, health administration, environmental health and the socio-behavioral sciences); activities related to concentration-specific competencies likely reflect activities associated with the Program's concentration requirements (e.g., mixed methods research, law and ethics, etc.). Documentation of activities in either domain can pertain to student performance on simulations, group projects, presentations, written products, etc.

#### M.P.H. Applied Practice Experience (APE) – The Practicum

The APE is completed under the guidance of a community-based public health practitioner and Dr. Stacey Brown. No waiver of the APE requirement is permitted. APE projects afford students experience in application of the principles of public health practice to 'real time' problem solving on behalf of the State's citizenry. In addition, they foster strong interprofessional partnerships that enhance workforce development, continuing education and program advocacy. Students work in collaboration with the agency (preceptor and other agency staff) to understand the nature of the challenge and to design and carry out a plan to address that challenge. Students also are asked to reflect on the broader context of their work including: the mission and structure of the host agency and how it fits into the broader public health system, the interdisciplinary nature of public health practice, how the student agency partnership contributes to the provision of the 10 essential public health services and who are the people the agency is intended to serve, how well they are served, what are the challenges they face in being healthy and how these challenges might be addressed on a structural level. Reflection is achieved through class discussions and written submissions. Students present a final report in oral presentation.

Students are eligible to enroll in PUBH 5407 Practicum in Public Health after they complete all foundational course requirements. As part of this program requirement, students meet with Dr. Stacey Brown, Practicum Coordinator, to assess student interests, capabilities and availability. Students are asked to prioritize project choices available during that semester and provide a) a brief summary of their academic, employment, volunteer and other relevant experiences, and (b) reasons for prioritizing particular projects. The matching form is reviewed by the Practicum Coordinator who completes the match and notifies students and preceptors of their groups. To date, the majority of students are accommodated with their first choice. Dr. Brown must approve the appropriateness of the project and proposed preceptor before enrollment is permitted. Students must demonstrate significant constraints or reasons for pursuing the Individual Practicum.

Students pursing either the Standalone or FastTrack M.P.H. options must complete 2 semesters (6 credits) of PUBH 5407; Students pursing a Dual Degree M.P.H. must complete 1 semester (3 credits) of PUBH 5407.

#### M.P.H. Integrative Learning Experience (ILE) - The Thesis or Capstone Project

The ILE, completed at the end of a student's program of study, will yield a high-quality written product appropriate for the student's educational and professional objectives, as judged by the student's Advisory Committee. Under the guidance of 2 program faculty and 1 external reader, every student must complete either a 9-credit research thesis (GRAD 5950) that exemplifies the scholarship of discovery (i.e., answering questions about the causes and/or consequences of a population health concern) or a 3-credit capstone project that demonstrates the scholarship of application (i.e., an evidence-based response to reducing a population health concern).

An ILE Thesis (i.e., Plan A) typically will focus on:

- A theoretical statement about the relationships among one or more exposures, interventions and/or outcomes.
- A qualitative/quantitative <u>descriptive study</u> measuring the distribution or determinants of a relevant public health concern.

- An <u>analytic study</u> utilizing accepted research designs to evaluate one or more hypotheses regarding the causes and consequences of a health concern within a community.
- An <u>experimental study</u> to evaluate the efficacy/effectiveness of a potentially relevant intervention for population health.
- A <u>meta-analysis</u> that synthesizes existing knowledge in order to generate a composite estimate of risks and/or consequences of a population health concern.

An ILE Capstone Project (i.e., Plan B) typically will focus on:

- A <u>case study</u> offering detailed examination of a unique or important manifestation of a health issue or intervention in order to describe relevant background, process, outcome and lessons to be learned.
- A program evaluation that assesses whether an intervention is efficacious and effective in achieving a desired outcome.
- An <u>educational resource</u> intended to enhance public health practices by communities.
- A <u>data management protocol</u> to improve access, efficiency and impact of data collection and analysis.
- A <u>policy analysis</u> bringing together available data from various sources for critical assessment of strengths and weaknesses of policy options for decision makers.

The substance of either the ILE Thesis or Capstone Project differs slightly to reflect the purpose of the respective efforts. **An ILE thesis or capstone project should not exceed 10,000 words** (approximately 30 pages), exclusive of footnotes/endnotes/references/bibliography. Regardless of the approach taken, the ILE Thesis or Capstone Project is expected to yield generalizable knowledge relevant to the theory or practice of public health. Its substance must demonstrate the student's competence as it relates to three (3) foundational and two (2) concentration competencies. Dual degree candidates are expected in incorporate their learning/experiences from both degree programs within a unique integrative experience.

Integrative Learning Experience (ILE) Format		
ILE Thesis (9 credits)	ILE Capstone Project (3 credits)	
1. Title page with thesis title, author, credentials, date and degree	<ol> <li>Title page with project title, author, credentials, date and degree</li> </ol>	
2. Approval page with advisor/reader names and titles	2. Approval page with advisor/reader names and titles	
3. Acknowledgements	3. Acknowledgements	
4. Abstract: Background, Methods, Results, Conclusion and Discussion; 150 words	4. Abstract: Background, Methods, Results, Conclusion and Discussion; 150 words	
5. Table of Contents	5. Table of Contents	
6. Foundational and concentration competencies addressed	6. Foundational and concentration competencies addressed	
<ol> <li>Outline and summary of systems thinking framework guiding this research; 1-2 pages</li> </ol>	<ol> <li>Outline and summary of systems thinking framework guiding this project; 1-2 pages</li> </ol>	
8. Background of pertinent theory and findings on the subject; 5-8 pages	<ol> <li>Background of pertinent theory and findings on the subject; 5-8 pages</li> </ol>	
9. Materials and Methods used; 3-5 pages	9. Materials and Methods used; 3-5 pages	
10. Research results; 5-8 pages	10. Project results; 5-8 pages	
11. Discussion of thesis relevance to interprofessional public health research; 2-5 pages	<ol> <li>Discussion of project relevance to interprofessional public health practice; 2-5 pages</li> </ol>	
12. Conclusions, 'next steps' 2-3 pages	12. Conclusions, 'next steps'; 2-3 pages	
13. Endnotes, Bibliography	13. Endnotes, Bibliography	

Students must identify a three (3) person Advisory Committee to guide and review ILE-related activities. This Advisory Committee must consist of 2 members of the UConn Faculty who are affiliated with the UConn's Public Health Area of Study, as well as a third individual outside our program faculty who represents a field and/or experience relevant to the student's ILE topic. All Advisory Committee members must hold a graduate degree and background appropriate for the student's capstone project. A copy of the external Advisory Committee member's Curriculum Vitae (CV) must be sent with the Plan of Study to our Program Office for review, before it is sent to the Graduate School for approval.

Integrative Learning Experience (ILE) Thesis or Capstone Project Evaluation Rubrics	
Criteria	Points
1. Reflects knowledge of core public health disciplines	10
2. Addresses a relevant and timely public health issue	10
3. Demonstrates appropriate use of analytic methodologies, models and/or theories	20
4. Presents findings generalizable to other settings	20
5. Appropriately presents text, tables, figures and other related materials	10
6. Acknowledges relevance of work to interprofessional public health	10
7. Exemplifies professional conduct interacting with mentors, advisors and the public	10
8. Embodies self-reliance/direction through timely completion of activities	10

Upon acknowledgement by the Graduate School, the major advisor has responsibility for guiding students in the selection of remaining courses and the capstone format and topic. The associate advisors are responsible for helping to guide the capstone and for reviewing and approving the final product. Before commencing their projects, students prepare a brief prospectus and submit either a Plan A (Thesis) or Plan B (Capstone Project) Proposal Form (see <a href="https://mph.uconn.edu/forms/">https://mph.uconn.edu/forms/</a>) that summarizes their area of focus, method of inquiry/activity, timetable and expectations for review.

Approval of a proposal by the Advisory Committee and M.P.H. Program Director must be in hand and assurances (as required) pertaining to fair and ethical practices (e.g., HIPAA, IRB, training, etc.) must be secured before students can begin their work or register for the ILE Thesis or Project.

Upon completing the ILE Thesis or Capstone Project, the student must secure an <u>evaluation</u> by the Advisory Committee consisting of the two program faculty and outside reader cited on the prior ILE Program Proposal form. ILE Thesis or Capstone Project evaluation is based on criteria cited above. An ILE Thesis or Capstone Project will be judged to demonstrate 'highest quality' upon receiving an evaluation of 100 points; 'High quality' with 90-99 points; 'Satisfactory quality' with 80-89 points and 'Unsatisfactory quality' with fewer than 80 points.

Students completing the ILE Thesis (Plan A) will submit completed theses through <u>Submittable</u>, the university's institutional repository (see instructions for Submittable at: <u>Submittable help file</u>). The electronically submitted thesis will be reviewed by the Office of the Registrar Administrator for format compliance and students will receive notification if any revisions need to be made. It is recommended to use an **unsigned**, properly formatted Approval Page in the electronic submission of your thesis.

- Accepted theses may be posted immediately as submitted, unless the submitting author requests otherwise. No revisions are permitted once accepted by the Office of the Registrar Administrator.
- We recommend that you use your full legal name on the title page and on the approval page.
- A printed copy of your thesis is no longer required.
- Submit your <u>Thesis Approval</u> page electronically. This webform, which accounts for both the final exam and the overall approval of the thesis, routes to your committee for approvals. Once the final committee member has approved the page, it will be routed to the Degree Audit office. You do not need to submit an additional signed approval page document.

Students completing the ILE Capstone Project (Plan B) will submit the <u>Report of the Final Examination for the Master's</u> <u>Degree</u>. This final report is a web form that will be routed to the Registrar's office when the final committee approval is submitted.

#### M.P.H. – Academic Advisement

At the time students are admitted to the M.P.H. Program, they are assigned a preliminary academic advisor, according to interests and experiences, to assist them during the first year of study. Advisors are available to clarify academic expectations and procedures, facilitate course selection and monitor early academic progress. As a student progresses through the curriculum, they are encouraged to identify a major academic advisor most experienced in their area of interest from a list approved by the Graduate School. During a course of study, students may elect to change advisor by submitting a 'Change of Major Advisor' (at <a href="https://grad.uconn.edu/forms">https://grad.uconn.edu/forms</a> ) for review and processing by the Program Director.

Major advisors play a crucial role in a student's Plan of Study, serving as a mentor, advisor, and sometimes, supervisor. The Program will assign you a major advisor. It is expected that you will meet each semester to review progress toward the degree and identify appropriate opportunities to enhance learning. Major advisors must be UConn faculty who hold with appointments in the Program in Applied Public Health Sciences.

Public Health Area of Study M.P.H. Advisors					
Department of Public Health Sciences					
Angela Bermudez-Millan, Ph.D., M.P.H.	bermudez-millan@uchc.edu	Nutrition & health policy			
Stacey Brown, Ph.D.	stbrown@uchc.edu	Health sociology, Public health practice			
Mary Elizabeth Bruder, Ph.D.	bruder@uchc.edu	Developmental disabilities & early intervention			
Douglas Brugge, Ph.D., M.S.	brugge@uchc.edu	Occupational & environmental health			
Jennifer Cavallari, Sc.D., C.I.H.	cavallari@uchc.edu	Occupational & environmental epidemiology			
Audrey Chapman, Ph.D., M.Div., S.T.M.	achapman@uchc.edu	Humanities & bioethics			
Shayna Cunningham, M.H.S., Ph.D.	scunningham@uchc.edu	Child/maternal health; Global health			
James Grady, Dr.P.H.	jgrady@uchc.edu	Statistical methods			
David Gregorio, Ph.D., M.S.	gregorio@uchc.edu	Disease surveillance; Cancer epidemiology			
Kristin Guertin, Ph.D.	kguertin@uchc.edu	Epidemiology			
Amy Hunter, Ph.D., M.P.H.	amhunter@uchc.edu	Injury control; Epidemiology			
Chia-Ling Kuo, Ph.D.	kuo@uchc.edu	Statistical methods			
Zita Lazzarini, J.D., M.P.H.	lazzarini@uchc.edu	Public health law			
Bing Lu, M.D., Dr.P.H.		Epidemiology			
Tara Lutz, Ph.D., M.P.H., CHES	lutz@uchc.edu	Developmental disabilities; Health education & promotion			
Megan O'Grady, Ph.D.	ogrady@uchc.edu	Health systems/services research			
T. Greg Rhee, Ph.D., M.S.W.	rhee@uchc.edu	Health systems/services research; Economics			
Helen Swede, Ph.D.	swede@uchc.edu	Cancer epidemiology; Genetics			
Howard Tennen, Ph.D.	tennen@uchc.edu	Health psychology			
Jane Ungemack, Dr.P.H.	ungemack@uchc.edu	Health systems/services research; Substance abuse			
Scott Wetstone, M.D.	wetstone@uchc.edu	Clinical epidemiology			
Misty Levy Zamora, Ph.D.		Environmental Health			
Bingbing Zhang, Ph.D.	bzhang@uchc.edu	Program Evaluation			
	UConn Health and UC	Conn Storrs			
Sarita Arteaga, D.M.D., M.A.G.D.	arteaga@uchc.edu	Oral rehabilitation; biomaterials			
Robert Aseltine, Ph.D.	aseltine@uchc.edu	Health sociology			
David Banach, M.D., M.P.H.	dbanach@uchc.edu	Infection control & prevention			
Lisa Barry, Ph.D., M.P.H.	libarry@uchc.edu	Aging & mental health			
Grace Chan, Ph.D.	gchan@uchc.edu	Statistical methods; mental health, addiction, & psychiatry			
Alicia Dugan, Ph.D.	dugan@uconn.edu	Organizational/industrial psychology			
Richard Fortinsky, Ph.D.	fortinsky@uchc.edu	Aging & health care			
Brenda Kurz, Ph.D.	brenda.kurz@uconn.edu	Prenatal depression			
Julie Robison, Ph.D.	jrobison@uchc.edu	Aging & health care			
Susan Schmeiser J.D., Ph.D.	susan.schmeiser@uconn.edu	Family law			
Sarah Willen, Ph.D., M.P.H.	sarah.willen@uconn.edu	Global health & human rights			
Zhao Helen Wu, Ph.D.	zwu@uchc.edu	Substance abuse & health disparities			

#### M.P. H. Course Registration

Course registration is accomplished using *PeopleSoft* (UConn's web-based learning management software) with your NetID, where you can access course catalogs and schedules, maintain your personal information (including changes in address), obtain a transcript and register for classes each semester (see: <u>https://studentadmin.uconn.edu</u>). Once the Graduate School sends you the packet with your NetID, password, and instructions, you can register online and access this important administrative system.

After the 10<sup>th</sup> day of class, changes in enrollment (add/drop) require submission of a Schedule Revision Request Form (Add/Drop). A Request for Changes in Plan of Study form may be necessary if a previously approved Plan of Study is on file with the Graduate School (see: <u>https://grad.uconn.edu/forms</u>). Adding a course after the 10<sup>th</sup> day of class is at the instructor's discretion. During the third and fourth weeks of the semester, a student may add courses by submitting a completed Schedule Revision Request Form with permission from the course instructor, advisor, and head of the

department offering the course. Courses can be dropped, without prejudice, up to the 10<sup>th</sup> day of class; courses dropped after the tenth day will be identified on student's transcript with a 'W' grade for 'withdrawal.' Dropping a class after the ninth week requires the recommendation of the advisor and permission of the Dean of the Graduate School at UConn.

Most graduate courses are listed in the HuskyCT course management system, a web-based repository of course syllabi, reading materials, assignments, postings, and announcements. HuskyCT is accessed using your NetID and password (see: <a href="https://ms.uconn.edu/">https://ms.uconn.edu/</a>).

#### M.P.H. Tuition and Fees

Information regarding tuition and fee schedules for a particular semester is available on the UConn Health Bursar's Office website at the Graduate School (see: <a href="https://health.uconn.edu/graduate-school/admissions/bursar/">https://health.uconn.edu/graduate-school/admissions/bursar/</a>). Graduate tuition and fees per 3-credit course for 2021-22 is \$3,039 (in-state) or \$6,693 (out-of-state). Tuition and fees of students enrolled in 9+ credits per semester for 2021-22 is \$9,058 (in-state) or \$20,014 (out-of-state). Tuition waivers may be available to persons affiliated with the National Guard, Veterans, persons 62+ years of age, September 11<sup>th</sup> victim's families or UConn or Connecticut State employees.

Course payment is due by the <u>Friday before the start of the semester</u>. A late payment fee of \$150 is payable by all graduate students whose tuition and fees are not paid in full on the published fee bill due date. If after Day 10 of the semester, your bill remains unpaid you will be assessed a second \$150 late fee. Checks returned by the bank for any reason are considered a late payment. Additionally, students will have services, such as class registration, denied if all fees have not been paid by the due date. Students enrolled in the payment plan will receive a \$50 late fee for each late installment. Payment of tuition and fees by credit card or e-check can be done online. Log onto PeopleSoft (<u>https://studentadmin.uconn.edu/</u>) and enter your NetID and password. Select 'SA Self Service', then 'Finances' and 'Make a payment.'

Failure to receive a bill does not relieve a student of responsibility for payment of fees by the specified due date. To avoid incurring late fees and potential discontinuation from the Graduate School and Programs, students <u>must</u> register by the last day to register for Fall and Spring semesters (NOTE: The last day to register, drop or withdraw from a course without a 'W' on your transcript, and the last day to add a course without permission of the Associate Dean of the Graduate School can be found on the academic calendar (see: <u>https://registrar.uconn.edu/academic-calendar/</u>).

Students with outstanding balances will have a 'Bursar Hold' placed on accounts, thus preventing students from accessing class registration, recreation services, transcripts and other services.

#### **M.P.H. Degree Conferral Deadlines**

Conferral of the M.P.H. degree occurs three times a year: May, August and December. Refer to the UConn Health Academic Calendar to familiarize yourself with the specific deadlines related to submission of documents to Storrs and to UConn Health. Failure to meet the submission deadline could result in a delay of your degree conferral.

Graduation Deadlines			
Action	Fall	Spring	Summer
ACION	Conferral	Conferral	Conferral
	Prerequisite for registering for ILE Thesis or Project		
Submit a Plan of Study and ILE Proposal			
	No later than	No later than	No later than
Sign up for Graduation on PeopleSoft	9/24/2021	2/11/2022	3/1/2022
Submit initial draft of manuscript to major advisor	10/1/2021	2/18/2022	6/7/2022
Submit next-to-final draft of manuscript to 3-person Advisory Committee	10/29/2021	3/18/2022	7/5/2022
Prepare Poster summarizing ILE Thesis or Project		4/8/2022	4/8/2022*
OR, Schedule oral defense	11/19/2021		7/26/2022
Submit final manuscript to 3-person Advisory Committee	11/19/2021	4/8/2022	7/26/2022
	No later than	No later than	No later than
Submit ILE Thesis in Submittable & related paperwork to Degree Audit	12/3/2021	4/22/2022	8/10/2022
Conferral Date	12/19/2021	5/8/2022	8/24/2022

\*For August Graduates intending to walk at May conferral

#### **Recognition of Exemplary Academic Performance**

Every spring, our Program faculty recognize students for exemplary academic and practice performance.

- The James & Mary Jane Mulvihill Medal is awarded to a graduating student who presents a high GPA and outstanding Thesis or Capstone Project.
- The Susan S. Addiss Award is provided to a graduating student who exemplifies characteristics of leadership, advocacy and commitment to the community.
- The Charles Huntington Poster Award is given to the graduating student judged to have prepared an outstanding poster of a Thesis or Capstone Project.

Graduating students, alumni, community partners and faculty who, by academic achievement, advancement of public health research and/or excellence in public health practice and leadership, may be nominated to join UConn's Delta Omega, Beta Rho chapter, America's most prestigious public health honor society.

#### **Student Life**

Students play a significant role in our program's decision-making, communication and socialization; they help set policy, implement procedures, conduct evaluations and provide 'real time' feedback to the Program Administrator. Student representatives hold seats and have full rights of participation on all standing committees/subcommittees.

As students prepare to function as public health professionals, they are expected to demonstrate lifelong commitment to the highest ethical standards in research and professional service. Because a major portion of graduate training can take place outside the classroom, students are encouraged to attend the annual meetings of local and national professional organizations, such as the Connecticut and American Public Health Associations.

The Public Health Student Organization (PHSO) is a student-driven group supporting all public health students throughout their graduate studies. The PHSO enhances students' experience in the Program by providing mentors, hosting socials and seminars, fundraising, participating in philanthropies, and working with program staff to address students' needs. The Executive Board of the PHSO consists of the President, Vice President, Treasurer, Secretary and Former President who conduct monthly meetings on campus. The bylaws of the organization state its mission and define the responsibilities of officers. Membership is open to all public health students. The PHSO encourages all students to get involved with the organization by serving as an officer, participating in events, or volunteering within the field of public health. Please contact them at phso@uchc.edu or find them on the UConn Public Health Student Organization's Facebook page (see: <a href="https://www.facebook.com/UCONN.PHSO/?fref=ts">https://www.facebook.com/UCONN.PHSO/?fref=ts</a>), if you would like to get involved.

### **UConn Graduate Certificates**

Graduate certificates represent a credential offered by our university, distinct from a Master or Doctoral degree. Certificates are earned by successfully completing 4 required graduate courses. Our program offers Graduate Certificates in the following areas:

#### Certificate - Foundations of Public Health (CFPH)

The CFPH is a four-course, 12-credit option that introduces students to the core disciplines of public health. Persons seeking to augment their knowledge and perspective with in-depth understanding of issues and opportunities in population health are invited to apply (see: <u>https://mph.uconn.edu/graduate-certificate-in-foundations-of-public-health/</u>).

Two required courses:

- PUBH 5408 Epidemiology & Biostatistics I
- PUBH 5409 Epidemiology & Biostatistics II

and two selective courses reflecting student interests:

- PUBH 5403 Health Administration
- PUBH 5404 Environmental Health
- PUBH 5405 Social & Behavioral Foundations of Public Health
- PUBH 5406 Public Health Law

#### Certificate - Addiction Science (CAD)

The CAD is a 4-course, 12-credit, online program that covers essential topics in addiction science. Persons holding a professional degree in medicine or a social science, or a bachelor's degree in an area related to public health, social science or behavioral health are encouraged to apply (see:

https://ph.addictionscience.certficate.uconn.edu/).

- PUBH 5478 Epidemiology of Substance Use Disorders and Psychiatric Co-morbidities
- PUBH 5479 Clinical and Social Service Systems Research in Alcohol and Addiction Science
- PUBH 5480 Alcohol and Drug Policy Research
- PUBH 5481 Research Careers and the Responsible Conduct of Research in Alcohol and Addiction Science

#### Certificate - Interdisciplinary Disability Studies in Public Health (CDSPH)

The CDSPH is a 4-course, 12 credit, online program that covers multiple aspects of public health, health care systems and social attitudes that impact people with disabilities.

CDSPH required curriculum: (see: <u>https://ph.disability.certificate.uconn.edu/</u>):

- PUBH 5501 Foundations of Public Health and Disability (should be taken first)
- PUBH 5502 Epidemiology of Disability
- PUBH 5503 Disability Law, Policy, Ethics, and Advocacy
- PUBH 5504 Public Health Interventions in Disability

#### Certificate - Social Determinants of Health and Disparities (CSDH&D)

The CSDH&D is a 4-course, 12 credit program that addresses structural and systemic factors affecting the health of groups within the population.

- PUBH 5408 Epidemiology & Biostatistics I
- PUBH 5409 Epidemiology & Biostatistics II
- PUBH 5201 Essentials of Social Inequality and Health Disparities
- PUBH 5202 Eliminating Social Inequality and Health Disparities

#### **Certificate - Application Process**

Applicants for one of our graduate certificates must demonstrate an academic record appropriate to completing course requirement and interest in working in the community to advance public health and goals (e.g., anticipated benefit of certificate on career). To apply, an individual will complete an <u>ONLINE APPLICATION using Slate</u> (<u>https://grad.uconn.edu/admissions/apply-to-uconn/</u></u>) and submit a required fee (acceptable online payment via Visa, MasterCard or Discover). Pursuant to U.S. immigration regulations, the University of Connecticut may not sponsor F-1 and J-1 visas for the purpose of coming to the U.S. for enrollment in this Certificate Program.

To be considered for a graduate certificate, applicants must submit:

- A copy of official transcripts of all collegiate work (should be uploaded).
- One letter of reference from an individual who can address the candidate's potential for success in the Certificate Program.
- A brief personal statement (not to exceed 300 words) that describes personal and professional interest in the field of public health and the Certificate Program to which they are applying.
- A current resume or CV.

#### **Certificate - Tuition and Fees**

For 2021-22, tuition and fees for students pursuing The Foundations of Public Health or the Social Determinants of Health and Disparities Certificates (for non-Medical or non-Dental students) are set at \$3,039 (in- state) or \$6,693 (outof-state) per 3-credit course; the cost of the 12-credit Certificate is \$12,156 in-state or \$26,772 out-of-state. Tuition and fees for students pursuing the Addiction Sciences or Interdisciplinary Disability Studies in Public Health Certificates are set at \$2,475 per 3-credit course; the cost of either 12-credit Certificate is \$9,900. Tuition waivers may be available to persons affiliated with the National Guard, Veterans, persons 62+ years of age, September 11<sup>th</sup> victim's families or UConn or Connecticut State employees.

#### UConn Graduate Certificates and M.P.H. Degree Requirements

UConn Graduate degrees and certificates represent two distinct credentials awarded by the University. M.P.H. candidates may elect to complete a UConn Graduate Certificate concurrently while earning their degree. However, the credit loads and other expectations relevant to the two programs must remain distinct (i.e., there can be no 'double dipping' of credits or related requirements without an explicit waiver by our Graduate School). Students who complete a graduate certificate while enrolled in the M.P.H. program may request a waiver to their M.P.H. plan of study of 6 credits (i.e., reducing degree requirement from 48 to 42 credits) in acknowledgement of relevant coursework associated with the Certificate. This credit waiver is not available to students who complete a Certificate prior to enrolling in the M.P.H. program or those enrolled as dual or FastTrack candidates.

### Doctor of Philosophy in Public Health (Ph.D.)

The Ph.D. degree focuses on the social and behavioral determinants of health to rigorously prepare professionals, scholars and research scientists needed in a wide variety of settings (i.e., at academic institutions, federal agencies, state health departments, research institutes, private sector business and industry, and national and international organizations) to meet the health challenges of the 21<sup>st</sup> century. The degree reinforces foundational principles of public health with theoretical underpinnings and methodological techniques of population health research. The Ph.D. degree requires completion of 60 credits beyond the Master's degree, consisting of 45 credits in coursework and 15 credits of Doctoral Dissertation Research. The Ph.D. in Public Health does not have a related area or foreign language requirement. Options for focused work in Public Health are many, although the areas of research listed below are emphasized.

**Social and Behavioral Health Sciences.** Explores interpersonal and institutional influences on individual and community health, with attention to design and evaluation of interventions for improving health outcomes.

**Occupational Health Sciences.** Offers students grounding in theory and methodology, as well as specialized instruction, that builds knowledge of the broad range of occupational exposures and their influences on health, illness and injury, and interventions to improve these outcomes.

**Chronic Disease Epidemiology.** Develops expertise in cancer epidemiology and prognosis, public health genetics, and psychiatric epidemiology

The Ph.D. degree requirements conform to all the UConn Graduate School requirements. At this time, the degree does not conform to standards of the Council on Education for Public Health (CEPH), an independent agency recognized by the U.S. Department of Education to accredit public health schools and programs.

#### Ph.D. Program Length

All Ph.D. requirements must be completed **within 8 years** of the beginning of a student's matriculation toward the degree.

#### Ph.D. Degree Requirements

The Ph.D. degree requires completion of 60 credits beyond a Master's degree, consisting of:

**Foundational Knowledge:** <u>PUBH 5406</u> or <u>5460</u>; <u>5434</u> or an advanced statistical elective; <u>5436</u> or an advanced epidemiology elective; <u>5453</u>; and <u>6496</u>. A student must maintain a cumulative grade point average (GPA) of 3.0 with no grade below a "B-.

Population Research Methods: With permission of a student's advisory committee.

Biostatistics Electives. With permission of a student's advisory committee.

Epidemiology Electives. With permission of a student's advisory committee.

Course grades below a B- are not counted as credits earned toward the Ph.D. degree, and may require a retake for a student to continue in the Program. Courses in our Ph.D. Program typically carry 3 credits, which consist of approximately 45 contact hours per semester (3 hours per week for 15 weeks) and 90-120 hours of related out-of-class work. Failure to remain in good standing will result in a recommendation for remediation or termination from the Program.

#### **Ph.D. Application Process**

Admission is competitive and students are selected on the basis of their demonstrated commitment to public health, strong academic preparation and relevant experience. In addition, our most competitive applicants:

 Hold a Master's degree in a relevant field of study, preferably an M.P.H. It is possible, although highly unusual, for a student with an exemplary undergraduate background, plus exceptional public health experience, to earn admission into the Ph.D. Program without a prior graduate degree. Show evidence of having completed graduate courses with grades of B or better in at least three of the five core disciplines of public health (Biostatistics, Epidemiology, Behavioral Sciences, Occupational/Environmental Health, and Health Services Administration). Exceptional candidates who do not meet this criterion will be considered for admission with the expectation that 3-5 core discipline courses will be completed for non-Ph.D. credit, in addition to other credit requirements of the doctoral degree (i.e., credits earned for these pre-requisites will not count towards the Ph.D. Program credit total).

 Demonstrate commitment to public health by evidence of at least three years' duration -- through education, professional experience, or significant volunteer contributions. Background or interest in research methods, as evidenced by demonstrated work experience, participation in independent or team-based research, a thesisbased master's degree, description of research interests in the personal statement, or authored publications is highly desirable.

Application to the UConn Graduate School (<u>https://grad.uconn.edu/admissions/apply-to-uconn/</u>) requires a \$75 fee unless a fee waiver is applicable (<u>https://grad.uconn.edu/admissions/fee-waiver-policy/</u>). For preferred consideration, persons are encouraged to have application materials submitted by **APRIL 1** for matriculation to start the following fall (applications submitted after the 2<sup>nd</sup> week of July cannot be considered for fall admission). A competitive application for admission includes the following:

- A copy of your official transcripts from each university-level school attended by the applicant (uploaded).
- Three (3) current letters of reference from faculty or others who can address your potential for success in the Doctoral Program in Public Health.
- Personal statement expressing your reasons for applying to our program, your educational and professional goals, and a description of all relevant research and professional experiences to date. This statement should also include a suggestion of 2-3 members of our faculty whose work most interests you and might serve as academic advisors.
- Residence affidavit for determination of in-state/out-of-state tuition status.
- For INTERNATIONAL APPLICANTS: Students whose native language is not English must submit English proficiency scores on the Test of English as a Foreign Language (TOEFL). A minimum TOEFL score of 600 (paper) or 250 (computer) is required for admission. The TOEFL should be taken well in advance of the admission deadlines to assure consideration for the requested admit term. Copies of score reports sent to students are acceptable. The IELTS test is also acceptable. To have TOEFL scores included with an application, use institution code 3915.
- Submission of GRE scores is not required.

Applications are first reviewed by UConn Graduate School and our program staff to ensure that minimum requirements for admission are met. Applicants who fail to meet these requirements are notified why their application will not be considered for admission. Complete applications will be forwarded to our Admissions Committee for full review. The Admissions Committee considers all aspects of the application: evidence of strong commitment to public health, grade point average in graduate studies, rigor of courses taken in Graduate School, experience in public health-related projects, statement of intent, and letters of recommendation. The committee evaluates potential applicants on the totality of these criteria, so that a weakness in one area may be outweighed by strength in other areas. Final acceptance is dependent on finding an appropriate faculty mentor for your doctoral work. With rare exceptions, admitted students start in the fall semester of the academic year.

#### Ph.D. Customary Course Load

Full-time status is defined as 9 credits or more in a semester. Students holding graduate assistantships must register for 6 or more credits per semester to be considered full-time students. In addition to didactic courses offered by each program, a student's credit load may include GRAD 6950 (Dissertation Research), and other equivalent research courses defined by the Graduate School, including seminar and other 'colloquium' courses that are <u>not</u> part of the Plan of Study. These variable credit courses carry S/U grading, with the student's major advisor as the instructor of record.

The holder of a full assistantship devotes one-half of available time during the week to studies and one-half (approximately 20 hours per week) to assistantship duties, whereas the holder of a half assistantship ordinarily devotes three-quarters of available time to studies and one-quarter (approximately 10 hours per week) to assistantship duties. Assistantships are not available for less than 10 hours per week. To expand the number of paid work hours or to seek additional outside employment, students with assistantships **must** request approval from the DR. DAVID GREGORIO, PHD PROGRAM COORDINATOR. Per University stipulations, these extensions are rare, and typically approved for only advanced students with proven high performance.

#### Ph.D. Tuition and Fees

Information regarding tuition and fee schedules for a particular semester is available on the UConn Health Bursar's Office website at the Graduate School (see: <a href="https://health.uconn.edu/graduate-school/admissions/bursar/">https://health.uconn.edu/graduate-school/admissions/bursar/</a>). Graduate tuition and fees per 3-credit course for 2021-22 is \$3,039 (in-state) or \$6,693 (out-of-state). Tuition and fees of students enrolled in 9+ credits per semester for 2021-22 is \$9,058 (in-state) or \$20,014 (out-of-state). Tuition waivers may be available to persons affiliated with the National Guard, Veterans, persons 62+ years of age, September 11<sup>th</sup> victim's families or UConn or Connecticut State employees.

Course payment is due by the <u>Friday before the start of the semester</u>. A late payment fee of \$150 is payable by all graduate students whose tuition and fees are not paid in full on the published fee bill due date. If after Day 10 of the semester, your bill remains unpaid you will be assessed a second \$150 late fee. Checks returned by the bank for any reason are considered a late payment. Additionally, students will have services such as class registration denied if all fees have not been paid by the due date. Students enrolled in the payment plan will receive a \$50 late fee for each late installment. Payment of tuition and fees by credit card or e-check can be done online. Log onto PeopleSoft (<u>https://studentadmin.uconn.edu/</u>) and enter your NetID and password. Select 'SA Self Service', then 'Finances' and 'Make a payment.'

Failure to receive a bill does not relieve a student of responsibility for payment of fees by the specified due date. To avoid incurring late fees and potential discontinuation from the Graduate School and Programs, students <u>must</u> register by the last day to register for Fall and Spring semesters (NOTE: The last day to register, drop or withdraw from a course without a 'W' on your transcript, and the last day to add a course without permission of the Associate Dean of the Graduate School can be found on the academic calendar (see: <u>https://registrar.uconn.edu/academic-calendar/</u>).

#### Ph.D. Residency Requirement

The graduate student can fulfill the special demands of a doctoral program only by devoting a continuous period of time to concentrated study and research with a minimum of outside distraction or employment. During the second or subsequent years of graduate work in the field, at least two consecutive semesters must be completed in residence (i.e., as full-time matriculates). Alternatively, this requirement may be met by combining one semester of residence, plus a contiguous, 12-week summer period made up of Summer Sessions I & II or Summer Session IV, if agreed upon by the Advisory Committee and the student. It is left to the Advisory Committee to determine whether a student's outside employment is a distraction that prevents the student from devoting essentially full-time effort to the planned program. The Advisory Committee will record this determination on the Plan of Study, along with a description of the nature, extent, and period(s) of outside employment during the residence period.

#### Ph.D. Plan of Study

A Plan of Study must be approved by Storrs before a student is eligible to take the General Examination (see below). The plan summarizes coursework completed and to be taken through completion of the degree. According to the Graduate School, the Plan of Study for Doctor of Philosophy (see: <a href="https://grad.uconn.edu/forms/">https://grad.uconn.edu/forms/</a>), "must be prepared, signed by the student and members of the Advisory Committee, and submitted to the Graduate School for approval by the Executive Committee of the Graduate Faculty Council when the student has completed not more than 45 credits of coursework to be applied to the degree." In developing your Plan of Study, your advisor will help you select courses that are consistent with your academic goals and will be at the 5,000 level or higher. At least fifteen (15) credits of GRAD 6950 must be completed/anticipated, representing the research effort devoted to the dissertation. The Executive Committee considers the dissertation itself to represent at least one year of full-time graduate study. Please send the Plan of Study to Danica Brown (at danbrown@uchc.edu) to review. She will make a copy and send the originals to the Graduate School.

#### Ph.D. Advisement

Major advisors play a crucial role in Ph.D. study, serving as a student's mentor, advisor, and sometimes, supervisor. Unless you have your major advisor before beginning Ph.D. coursework, the Program will assign you a major advisor. Meetings with your major advisor should be frequent, friendly and productive. From your first semester in the Program, through your General Examination and dissertation, your major advisor will be your key ally. His or her time commitment to you will vary according to your progress and changing needs. If you work as a graduate or research assistant in your advisor's research group, you can expect to spend more time with your major advisor, since he or she will be supervising the work you do for your graduate assistantship. Major advisors must be UConn faculty appointed to the public health area of study. Students holding graduate research assistantships with a faculty member, most likely have that faculty member as a major advisor. Some students do not hold graduate assistantships because they are already involved in active research programs that they anticipate continuing for their doctoral research. Other students do not have a specific idea of their research interests at the start of their studies. Don't worry! You will start out with an assigned major advisor and can change advisors as your direction becomes clear.

For doctoral students working full-time outside our Program or the University, care must be taken, IN CONSULTATION WITH THE STUDENT'S DISSERTATION ADVISORY COMMITTEE that the dissertation research project does not substantially overlap with specific job duties.

Public Health Area of Study					
Ph.D. Advisors					
Department of Public Health Sciences					
Thomas Babor, Ph.D., M.P.H.	babor@uchc.edu	Alcohol & drug policy			
Angela Bermudez-Millan, Ph.D., M.P.H.	bermudez-millan@uchc.edu	Nutrition & health policy			
Stacey Brown, Ph.D.	stbrown@uchc.edu	Health sociology; Public health practice			
Mary Elizabeth Bruder, Ph.D.	bruder@uchc.edu	Developmental disabilities & early intervention			
Douglas Brugge, Ph.D., M.S.	brugge@uchc.edu	Occupational & environmental health			
Jennifer Cavallari, Sc.D., C.I.H.	cavallari@uchc.edu	Occupational & environmental epidemiology			
Audrey Chapman, Ph.D., M.Div., S.T.M.	achapman@uchc.edu	Humanities & bioethics			
Shayna Cunningham, M.H.S., Ph.D.	scunningham@uchc.edu	Child/maternal health; Global health			
James Grady, Dr.P.H.	jgrady@uchc.edu	Statistical methods			
David Gregorio, Ph.D., M.S.	gregorio@uchc.edu	Disease surveillance; Cancer epidemiology			
Amy Hunter, Ph.D., M.P.H.	amhunter@uchc.edu	Injury control; Epidemiology			
Chia-Ling Kuo, Ph.D.	kuo@uchc.edu	Statistical methods			
Zita Lazzarini, J.D., M.P.H.	lazzarini@uchc.edu	Public health law			
Bing Lu, M.D., Dr.P.H.		Epidemiology			
Tara Lutz, PhD, M.P.H., CHES	lutz@uchc.edu	Developmental disabilities, Health education & promotion			
Megan O'Grady, Ph.D.	ogrady@uchc.edu	Health systems/services research			
T. Greg Rhee, Ph.D., M.S.W.	rhee@uchc.edu	Health services & policy, aging			
Helen Swede, Ph.D.	swede@uchc.edu	Cancer epidemiology & outcome disparities; genetics			
Howard Tennen, Ph.D.	tennen@uchc.edu	Stress, coping & adaptation to chronic illness			
Jane Ungemack, Dr.P.H.	ungemack@uchc.edu	Health services research/substance abuse			
Misty Levy Zamora, Ph.D.		Environmental Health			
Bingbing Zhang, Ph.D.	bzhang@uchc.edu	Program Evaluation			
	UConn Health and UC	Conn Storrs			
Robert Aseltine, Ph.D.	aseltine@uchc.edu	Health sociology			
Lisa Barry, Ph.D., M.P.H.	libarry@uchc.edu	Aging & mental health			
Grace Chan, Ph.D.	gchan@uchc.edu	Statistical methods; mental health, addiction & psychiatry			
Alicia Dugan, Ph.D.	dugan@uconn.edu	Organizational/industrial psychology			
Richard Fortinsky, Ph.D.	fortinsky@uchc.edu	Aging & health care			
Julie Robison, Ph.D.	jrobison@uchc.edu	Aging & health care			
Sarah Willen, Ph.D., M.P.H.	sarah.willen@uconn.edu	Global health & human rights			
Zhao Helen Wu, Ph.D.	zwu@uchc.edu	Substance abuse & health disparities			

It is the student's responsibility to request an initial appointment with your major advisor, and to take the lead in scheduling meetings at regular intervals. It is the major advisor's responsibility to make time for you, and to be available on an *ad hoc* basis. Students may change advisors during their time of study. After discussing the change with a prospective major advisor, students must submit a Change of Major Advisor form (at <a href="https://grad.uconn.edu/forms">https://grad.uconn.edu/forms</a>) to Danica Brown (at danbrown@uchc.edu) who will review and forward the document to the Graduate School.

Occasionally, the process of changing advisors occurs under stressful circumstances or unexpected events, so remember that DR. DAVID GREGORIO, PHD PROGRAM COORDINATOR will help you secure the signatures you need in a timely manner. We recommend that you become familiar with the research, advising styles, and professional interests of faculty members, that you talk to students, go to faculty presentations, public lectures and symposia, and that you work with your ADVISORY COMMITTEE CHAIR. Each faculty member in Public Health has well-established skills and interests. Be aware that you September 2021 should expect to match your research goals to your advisor's research goals, rather than the reverse. Seeking a good match is a top priority for doctoral students! The major advisor is the primary person to mentor you during your doctoral studies.

#### **Transfer of Credits and Advanced Standing**

The Graduate School customarily allows six (6) credits to be **transferred** from another academic institution. Such transfer is permitted when the student has "demonstrated the ability to do acceptable graduate work at the University of Connecticut," and the credits meet the following criteria:

- Credits are from an accredited institution,
- Student earned a grade of B or higher the course, and
- Course contributes to the objectives of the student's proposed doctoral program.

The Graduate Catalog further specifies that "such graduate work may be approved for transfer, provided that the General Examination is to be passed and all degree requirements are to be completed within the prescribed periods –respectively, four or five years and seven or eight years – from the beginning date of the earliest course, wherever taken, listed on the approved doctoral Plan of Study." Under special circumstances, and with the guidance of their committee chairs, Ph.D. candidates may petition the Graduate School to accept additional transfer credits.

If you started a doctoral program elsewhere and completed some graduate coursework at other universities or in other departments within UConn, you may be able to use some of the credits you earned or manuscripts from your thesis or dissertation to fulfill some of your requirements for the Ph.D. in Public Health. Decisions concerning these credits will be made by Dr. David Gregorio, PhD Program Coordinator, with input from your Advisory Committee. In most cases, these decisions will be made in concert with filing the formal Plan of Study with the Graduate Records Office.

Alternatively, doctoral students with MPH degrees can request up to **six credits of advanced standing,** in which these credits will be waived from your 45-credit coursework requirement. Please email such requests to the Dr. David Gregorio, PhD Program Coordinator, including a brief description of your degree, who will forward the request to the Program Director.

Please consult the current Graduate Catalog at <u>https://gradcatalog.uconn.edu/</u> and the Graduate School website at <u>https://grad.uconn.edu/</u> for information and pertinent policies, procedures and forms.

#### Ph.D. Continuous Registration

Remember, even after you finish your all required and elective coursework, you must maintain continuous registration throughout your enrollment at the University. Continuous registration means enrolling in a course every fall and spring semester in a degree-bearing program. Failing to register every spring and fall will inactivate your registration and other student accounts (e.g., library privileges, email, etc.); reinstatement will require payment of any fees in arrears and a separate reinstatement fee. If you have been discontinued for more than one semester, you will have to reapply to the Program again.

There are three courses doctoral students can use to maintain continuous registration after completing your coursework:

- Doctoral Dissertation Research GRAD 6950: Students taking this course will be assigned a final grade of S
  (satisfactory) or U (unsatisfactory). This course is associated with the research efforts of students pursuing a
  doctoral degree, and is used to meet the fifteen-credit doctoral research requirement.
- Special Readings GRAD 6998: A non-credit course for which doctoral students must register in cases where their regular program of coursework for credit has been interrupted and they are not otherwise registered.
- Doctoral Dissertation Preparation GRAD 6999: A non-credit course to be used to maintain registered status by doctoral students who have reached candidacy (see definition below), have completed the 15 doctoral research credits and who are not registered for any other credit-bearing course.

#### Ph.D. Interim Progress Reports

At the end of each academic year, students, with their major advisors, will complete the Ph.D. Student Progress Report which summarizes academic progress/deficiencies. Students are expected to initiate the report by submitting a list of their accomplishments to their major advisor. Aspects of the report will address:

- Major advisor's assessment of student progress during the preceding year,
- Recommendations to enhance/improve academic record over the coming year,
- Student needs/deficiencies that may limit progress,
- Student assets/accomplishments that uniquely prepare the student for graduation, and
- Timeline for completing any remaining program requirements.

The Progress Report form is a self-evaluation tool for you and your major advisor. It should be completed with ample documentation and submitted as a draft to your major advisor one month before the last day of Spring Term classes (approximately April 10). Students and their major advisor should review it together. With agreement about its content, both will sign the form and submit it to the Public Health Program Office for inclusion in the student file, with a copy provided to the Program Coordinator.

The Progress Report represents one of many vehicles for communicating with your major advisor about your progress and for seeking feedback. Frequent exchanges about your academic and work performance should be part of the regular interaction between you and your faculty advisors. It is your responsibility to initiate and seek feedback from your major advisor on a regular basis. If disagreements arise between you and your major advisor regarding your progress, it is best to seek counsel from the Program Chair right away.

#### Ph.D. General Examination

The General Examination for the Ph.D. in Public Health has multiple objectives. It demonstrates your acquisition of public health knowledge, analytic skills and critical thinking ability, while also reflecting your unique background and goals. In this respect, the General Examination serves an educational, not simply an assessment, function for the student. Those who successfully complete General Examination requirements are deemed ready to engage in independent dissertation research.

The General Examination Committee is comprised of a student's Advisory Committee, (your major advisor will be the Committee Chair) and 2 committee members (these 2 members can be faculty outside the public health department but <u>must</u> be a part of UConn) who are responsible for the content and the conduct of the General Examination. The Graduate School requires no fewer than 5 faculty members.

Your major advisor manages the General Examination procedures, soliciting questions from the student, committee members, scheduling phases of the exam, receiving grades and evaluations from the faculty, chairing the oral exam, and signing forms that report the outcome of the exam to the Graduate School. While student input to the process may be sought, it is the major advisor who determines how the examination will occur and be evaluated. The major advisor and General Examination Committee have wide latitude over the format and content of the exam. The exam may take a variety of forms regarding time to completion, format (i.e., proctored, take home) and may include, but not be limited to, papers, special projects, take-home exams, and other types of written examination. There must be an oral defense of the General Examination. Preparation of a research proposal is an option for the General Examination, but strict care should be taken that it does not replicate the intended dissertation topic to avoid overlap with the Dissertation Proposal approval process. If a research proposal is selected as the format, the Program strongly encourages that the exam also include a section testing acquisition of foundational and specialized knowledge. Grades are Pass with Honors, Pass, Conditional Pass, and Fail.

Contact Dr. Gregorio regarding options and grading rubrics employed in the past. Current Ph.D. students who have had reached this milestone also are suggested as sources of ideas on the format.

Recommended procedures for completing the General Examination are provided in the Graduate Catalog at: <a href="https://gradcatalog.uconn.edu/grad-school-info/academic-regulations/">https://gradcatalog.uconn.edu/grad-school-info/academic-regulations/</a>.

Student submits a formal written proposal to the major advisor outlining suggested areas to be covered by the exam, the methods to be used, and timeline. For the process to work optimally, you need to interact with your major advisor on a frequent basis, seeking verbal advice with regard to content and scheduling of proposal submission and the resulting General Examination.

- The major advisor presents this proposal to the General Examination committee who approves, approves with modification or rejects the student's proposal.
- As needed, the student changes the proposals to reflect modifications required by the committee and obtains required signatures for placement in student's academic file. This can be done by an email approving the proposal or by just signing the proposal.
- The major advisor and committee develop a standardized evaluation sheet for grading the exam.
- Once all components of the written exam are passed, the major advisor schedules the oral examination.
- When the entire examination has been completed to the satisfaction of the Advisory Committee (i.e. PASS has been earned), the names of all Public Health faculty members who participated in the examination are listed on the "Report on the General Examination for the Doctoral Degree" form (see: <a href="https://grad.uconn.edu/forms">https://grad.uconn.edu/forms</a>) and a copy of the completed General Examination is appended to it. This written record may take the form of essay responses, a literature review, a proposal, a project or other product, depending on the form of the examination.
- A copy of the Graduate School form and written record of the exam are kept in our office and sent to the Graduate School for their files. All completed General Examinations will be available for review by Public Health faculty.

#### Ph.D. Dissertation Proposal and Research Phase

In carrying out the dissertation, students demonstrate comprehension of the relevant professional literature, their ability to develop theoretical approaches, skill in synthesizing information in original and complex ways, and mastery of research methodology. The dissertation is not to be completed in isolation from faculty mentors/advisors, but rather in cooperative effort in which the members of their committee provide frequent and significant input at all stages of project execution. Students are encouraged to benefit from the support and advice of their committee and keep the lines of communication open throughout the dissertation research process. The following reflects a common and recommended timeline for students to complete their Ph.D. degree requirements. Specific Graduate School deadline dates for each academic year can be found at https://health.uconn.edu/graduate-school/calendar/.

	Ph.D. Timeline
Semesters 1-4:	Successfully complete formal coursework
Semester 2:	Prepare Plan of Study with major advisor
Semester 3:	Convene Doctoral Advisory Committee (DAC)
Semester 4:	Submit Plan of Study to the Public Health Office
	Assemble General Examination Committee
Semester 5:	Develop and revise proposal for General Examination
Semester 6:	Complete written component of General Examination
	Complete oral defense of General Examination
	Submit draft dissertation prospectus to DAC
Semester 7:	Submit the DAC approved dissertation prospectus to the PhD Program Coordinator, who will admir
	the external review
	Conduct oral defense of dissertation prospectus with the external reviewers and PhD Program
	Coordinator in attendance
	Submit dissertation prospectus and IRB Approval Letter to the Public Health Office; they will send
	to the Graduate School after making a copy for your file
Semesters 7 & 8:	Commence dissertation research in full
Semester 8:	After final version of dissertation is approved by DAC, file Tentative Approval Page with Graduate
	School at least 7 days prior to oral defense
	Conduct oral defense of dissertation, which must occur at least three months after approval of
	dissertation prospectus by Storrs
	Submit dissertation to Submittable, complete Survey of Earned Doctorates, and submit
	the online Defense and Final Thesis/Dissertation Approval form; forward approval
	emails, along with an electronic copy of your dissertation to the Program Office.
	Graduation!

There are no specifications regarding the format of the prospectus other than requiring a 10-20 page document describing the 'blueprint' of the research and analysis methodology, along with a summary literature review and scientific rationale. Statistical power analysis should be included, if appropriate.

The prospectus must be approved by the full committee before sending out for the External Review. Please send the Ph.D. Program Coordinator a pdf of the approved proposal, along with 2-4 suggestions for reviewers, including their email addresses, and the Ph.D. Program Coordinator will communicate with them. It is optional for the student or Major Advisor to contact potential reviewers ahead of time. Indicate in the email that the committee has approved the proposal, and cc: committee. Prospectus reviewers should have a Ph.D., Dr.PH., M.D., or an equivalent doctoral degree. The Graduate School encourages that at least one of the External Reviewers be from outside of the university. If there are no major flaws identified by the external reviewers, the oral defense of the proposal may be scheduled. The following questions taken from the UConn Graduate Catalog will be sent to the External Reviewers for their critique of your proposal, to be completed in a 3-week time period:

Is the proposal well-written, well-organized, and well-argued? Does the proposal describe a project of appropriate scope? Does the student demonstrate knowledge of the subject and an understanding of the proposed method of investigation? Does the student show awareness of the relevant research by others? Does the student consider how the proposed investigation, if successful, will contribute to

- **Oral Defense of Prospectus.** Our program has selected **Option #2** from the Graduate School's list of choices on the 'Dissertation Proposal for the Doctoral Degree' form, which is an oral presentation to both Advisory Committee and external. Major and Associate Advisors along with the two External Reviewers should attend (phone or in person). It would be desirable to have both External Reviewers attend but that might be challenging logistically, so we strongly encourage that at least one should attend by phone or in person. Please be sure the Program Coordinator attends the oral defense in order to sign the approval form before you can submit it to Storrs. Please provide the program (at danbrown@uchc.edu) with the signed form along with pdfs of the proposal and IRB Letter of Approval. Storrs will not approve the dissertation proposal without an IRB approval letter. Start working on the IRB submission as soon as you can it can take 2 to 3 months to obtain approval.
- **Dissertation Research.** Upon approval of the prospectus by the Graduate School, the student is now considered a Candidate for the Ph.D. degree. Regular meetings of the student and advisor are strongly encouraged in order to enhance the learning process and to avoid serious consequences from the inevitable bumps in the road. Regular communication with the Advisory Committee is likewise suggested. As a mark of growing independence, the student should take responsibility to initiate these discussions. In the supervisory role, the advisor is responsible for the overall integrity of the research.
- Format of Dissertation. The Program has no formal requirements but encourages the manuscript-approach as a way to identify 3-5 specific chapters (i.e., papers) worthy of scientific contributions to the field. This approach also includes the preparation of a comprehensive expository of the literature and pertinent historical context that links the papers together. It is the prerogative of the Advisory Committee to determine if the papers are to be submitted or published as a condition of graduation. This approach is being highlighted by our program, given the growing trend for evidence of leadership publications by applicants to post-doctoral positions and private employment. The classical book dissertation may be much more suitable for certain research projects (e.g., an entirely novel research topic) and would fulfill the requirement for rigorous scholarship. It is recommended for this approach that 2-3 potential publications be identified for future submissions. For either format, a page length of 100-150 is considered the norm.
- Oral Defense of Dissertation. This step cannot occur sooner than three months *after* the approval of your proposal by the Graduate School. If you have not been notified by the Graduate School, please follow-up with them. For example, for a May graduation, if your proposal has not been approved by February, you will not be eligible to schedule your oral defense by April.

A typical review process for the dissertation would be:

knowledge?

- Major Advisor approves 'final' version of dissertation.
- Student then sends 'final' version to full committee for comment. Typically, Associate Members are given at least two weeks to review.
- Date for oral defense should be about **one month after** the student submits the final version to their Advisory Committee to allow for addressing comments and requested changes before the defense.
- Announce oral defense in the <u>University Events Calendar</u> (at: https://events.uconn.edu/) at least two weeks before the date of defense.
- All committee members must approve the dissertation prior to the oral defense.
- With committee approval, the student will upload the dissertation to <u>Submittable</u> (instructions found in the <u>Submittable help file</u>), along with the <u>Defense and Final Thesis/Dissertation Approval form</u> (this webform accounts for both the final exam and overall approval of the thesis). This online form will route to your major advisor and committee members for approval before notifying the Office of the Registrar's Degree Audit team that you have completed this requirement.

**Required Attendance.** A minimum of five UConn faculty members, including the Major and all Associate Advisors, must be present and attest to their presence on the final General Examination form. If your committee does not have a minimum of five UConn faculty, please seek out and invite faculty members to attend your defense. If all committee members cannot attend the oral defense – please complete the Request for Changes in Plan of Study form, as soon as possible, and select another Associate Advisor who can attend. In order to avoid a late change to your advisory committee, please confirm the availability of your full committee for a general block of time in which you anticipate to hold your defense.

**Program Notification.** Please send to the Program Office information of a formal announcement of your oral defense so that we can invite all students and faculty. We encourage everyone to attend the oral defense to learn about our students' multi-year projects, participate in a community experience, and bid our students farewell and hearty congratulations on this milestone.

### Program in Applied Public Health Sciences Operational Details

#### **University Communications and Email Accounts**

It is important that students routinely monitor email accounts originating at UConn Health and UConn (Storrs). Each uses separate systems to distribute information (e.g., closings, emergencies, etc.) pertinent to their location. Your uconn.edu email should forward automatically to your UConn Health email address (uchc.edu). If you find this has not happened by the 10<sup>th</sup> day of classes, contact IT Services at techsupport.uconn.edu. They will assist you by chat, phone (860-486-4357) or email at <u>help@uconn.edu</u>. You cannot forward from the UConn Health account to another because of HIPAA and other security concerns.)

#### **Background Checks**

Background checks are conducted on all students in accordance with current federal government mandates. The required Background Information Sheet can be found at <u>https://mph.uconn.edu/forms/</u>. Completed forms may be emailed or faxed to Camille Sirera at: <u>Sirera@uchc.edu</u>.

#### **University ID**

A student ID is necessary to access portions of the UConn Health and UConn Storrs facilities and services. Procedures for obtaining IDs differ by location:

- UConn Storrs: Students receive an information packet from the Graduate School soon after acceptance to our program. Instructions are provided as to setting up NetID, Photo ID, and email accounts. A NetID is the username and password needed to register for courses, to access materials for courses in which a student is enrolled and other systems/services administered by UConn Storrs. The Storrs Help Desk at 860-486-4357 is available to assist with matters pertaining to a NetID. The UConn Storrs information packet may also contain a medical form. DO NOT COMPLETE THAT FORM, a separate UConn Health medical form will be provided by our program.
- UConn Health: Students will receive an information pack from our program prior to Program Orientation in August. Instructions are provided as to setting up email accounts, obtaining a parking pass and documenting health status. The UConn Health Service Desk at 860-679-4400 is available to assist with matters pertaining to UConn Health email accounts.

#### Immunizations

State policy requires all degree-seeking students born after December 31, 1956 to present proof of adequate immunization or screening for measles, mumps, rubella, varicella, meningitis and tuberculosis. Although you may register for classes without immunization clearance, you may not attend classes; failure to comply with immunization requirements by the 10th day of classes will block you from class.

The UConn Health Employee Health Service (EHS), in the Main Building, Room CG228, issues immunization clearance for students. For students with immunization documented by their health care provider, please email or fax the form to: Louisa Pickett at 860-679-4587 or lpickett@uchc.edu. Students who require vaccinations or TB testing, can obtain such by scheduling appointments with the EHS by calling 860-679-2893 (clinic hours are 8:00 AM - 4:30 PM Monday through Friday).

#### **COVID Vaccination Reporting**

All graduate students on the UConn Health campus must be fully vaccinated against COVID-19, or apply for and receive a medical or personal exemption before the start of the Fall 2021 semester. A copy of your vaccination card <u>**OR**</u> a completed COVID Vaccination Form should be sent **to Occupational Medicine at <u>occmedehs@uchc.edu</u> to show proof of vaccination. Students have the option to request a medical or personal exemption if they do not wish to receive the vaccine.** 

#### **Health Insurance**

Students are required to have health insurance upon enrolling in our Graduate Program. Those who receive health insurance through a graduate assistantship should go to: <u>https://hr.uconn.edu/ga-health-insurance/</u>.

#### **Required Training**

Admitted students must complete online training courses regarding research ethics and conduct as a member of the UConn community. Training must be completed before a student can engage in any research activities; all training modules must be completed by **October 15<sup>th</sup>**. Certificates of completion should be sent to Danica Brown (at danbrown@uchc.edu for inclusion in your academic file. Failure to complete the training could jeopardize your standing in the Graduate School.

- Required web-based CITI Training courses address research, ethics, regulatory oversight, responsible conduct
  of research, research administration, and other topics pertinent to the interests of member organizations and
  individual learners. Basic training can be accessed at <a href="https://www.citiprogram.org/default.asp">https://www.citiprogram.org/default.asp</a>.
- Students are required to be trained on the Health Information Portability and Accountability Act (HIPAA), as part of their Annual Compliance Training (at <u>2021-2022 Annual Compliance Training for MPH Students</u>).

#### Library

Books, periodicals and web-portals are maintained within the Lyman Maynard Stowe Library (see: <a href="https://lib.uconn.edu/health/">https://lib.uconn.edu/health/</a>). Access to this resource requires persons to possess a valid UConn ID badge and UConn Health email account.

#### Learning Resources

**Free eBooks** UConn Storrs provides a license to O'Reilly Online Learning Resource (at: <u>https://software.uconn.edu/support/</u>) that includes over 35,000 eBooks, plus videos. Students with a NetID can access specific books (and within a specific book, once selected, print sections and even download with app for offline use).

**Software** SAS & SPSS, along with other software, are available at no charge from UConn Storrs through a virtual environment providing two different ways to access software remotely from anywhere, at any time on your PC, Mac or iPad. With AnyWare Desktop (formerly called SkyBox), you can connect to a virtual desktop running Windows 10 with all the available software. With AnyWare Apps, you select only the application you wish to use. AnyWare Desktop and Apps are accessed using your NetID at <a href="https://software.uconn.edu/uconn-software-online/">https://software.uconn.edu/uconn-software-online/</a>. Every person, with a NetID, also has available to them a P drive, which is a 50G max UConn mapped secure drive.

Currently SAS, SPSS and other software are available for free student download to personal PC devices (see <a href="http://software.uconn.edu/software/">http://software.uconn.edu/software/</a>). Microsoft Office is also available at no cost to students at: <a href="https://software.uconn.edu/microsoft-products-students/">https://software.uconn.edu/software/</a>). Microsoft Office is also available at no cost to students at: <a href="https://software.uconn.edu/microsoft-products-students/">https://software.uconn.edu/software/</a>). Microsoft Office is also available at no cost to students at: <a href="https://software.uconn.edu/microsoft-products-students/">https://software.uconn.edu/microsoft-products-students/</a>).

#### **Student Parking**

All students parking on the UConn Health campus are required to register for a permit, park in their assigned locations, and display a valid hangtag. UConn Health students are assigned premium parking in Garage 1 on levels 4, 5 and 6. Visiting students may be assigned to an alternative location such as L3 based on current parking demand. Students with a valid UConn Health Student permit and hangtag may park in available spaces after hours during nights and weekends, and also on major holidays only in Lots A1, A4, and A5; West Road; 195 Farmington Avenue (Area 3 spaces only); Cell and Genome Sciences Building (Area 3 only).

- Weekdays: Monday through Thursday from 5 p.m. to 6 a.m.
- Weekends: Friday 5 p.m. through Monday 6 a.m.
- Major holidays: All day until 6 a.m. the following morning.
- West Road parking spaces are located in between Garage 2 and Munson Road.
- Lots A1, A4 and A5 are located off of West Road.
- If spaces are not available in these areas, students must park in their assigned location, i.e., Garage 1 levels
   4, 5 and 6, Shuttle Lot 3, etc.

Parking in unauthorized locations, during unauthorized times and/or without a valid hangtag will result in citations. A campus parking map and forms are available at: <u>https://health.uconn.edu/park/forms-and-maps/</u>

Shuttle service is provided to outer campus locations on Farmington Avenue, Munson Road and South Road. Schedules are posted at: <u>https://health.uconn.edu/park/shuttle-bus-service/</u>.

Parking locations may be reassigned as needed, due to construction, events or other special situations.

UConn students from Storrs or the Regional campuses attending classes at UConn Health (Farmington) should contact us by email at <u>parking.transportation@uchc.edu</u> or by phone at <u>860-679-4248</u> for parking information.

Permits (\$162.00 annual; \$67.50 fall or spring semesters; \$27.00 summer session) are available through Parking, Transportation & Event Services at 860-679-4248 or <u>parking.transportation@uchc.edu</u>.

#### Code of Conduct

The student Code of Conduct can be found at https://community.uconn.edu/the-student-code-pdf/.

#### Student Rights and Assurances - Family Educational Rights and Privacy Act (FERPA)

FERPA affords students certain rights with respect to their education records. These rights include:

- The right to inspect and review the student's education records within 45 days of the day the University receives a request for access.
- The right to request the amendment of the student's education records that the student believes is inaccurate or misleading.
- The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.
- The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA.
- The University may disclose Directory Information without a student's prior written consent. The University designates the following as Directory Information: The student's name, University-assigned identifiers (NetID); date of birth; addresses; telephone number; school or college; major field of study; degree sought; expected date of completion of degree requirements and graduation; degrees, honors, and awards received; dates of attendance; full or part time enrollment status; the previous educational agency or institution attended; class rosters; participation in officially recognized activities and sports; weight and height of athletic team members and other similar information. Except as noted in point #3 above, the roster for a class will not be released, except to students enrolled that class.
- Students may restrict the release of Directory Information, except to school officials with legitimate educational interests and others as indicated in point #3 above. To do so, a student must make the request in writing to the Office of the Registrar, Wilbur Cross Building, Unit 4077G, Storrs, CT 06269-4077. Once filed, this request becomes a permanent part of the student's record until the student instructs the University, in writing, to have the request removed.

Additional details on FERPA guidelines are available at: <u>http://www.ferpa.uconn.edu/</u>, or the U.S. Department of Education Family Policy Compliance Office home page at: <u>http://www.ed.gov/policy/gen/guid/fpco/index.html</u>. Questions regarding FERPA can be directed to the University Registrar: <u>registrar@uconn.edu</u>.

The University of Connecticut is committed to providing a safe and healthy environment for all of our students, staff, and faculty. As part of that commitment, **you are required to complete an online interpersonal violence prevention program, entitled Not Anymore from Student Success™** that addresses issues related to Consent, Bystander Intervention, Sexual Assault, Dating and Domestic Violence, Stalking, and more. *Not Anymore* will help you better understand how vitally important these issues are to creating a safe environment and to our community expectations, and what you can do to help make your campus safer for everyone.

Use your UConn NetID and password to logon to the system at: <u>https://studentsuccess.org/SSO/UConn</u> and follow the instructions provided. You may use the same link to re-enter the program to complete it over several sessions and to continue where you left off. If you run into problems taking or reentering the program, do not start over. Contact Student Success<sup>™</sup> through the HELP button or by email: <u>terrylynn.pearlman@studentsuccess.org</u>.

#### Scholarly Integrity in Graduate Education and Research

Scholarly activity at the graduate level takes many forms, including, but not limited to, classroom activity, laboratory or field experience, writing for publication, presentation, and forms of artistic expression. Integrity in all of these activities is of paramount importance, and the Graduate School of the University of Connecticut requires that the highest ethical standards in teaching, learning, research, and service be maintained. Scholarly integrity encompasses "both research integrity and the ethical understanding and skill required of researchers/scholars in domestic, international, and multicultural contexts." It also addresses "ethical aspects of scholarship that influence the next generation of researchers as teachers, mentors, supervisors, and successful stewards of grant funds" (Council of Graduate Schools, *Research and Scholarly Integrity in Graduate Education: A Comprehensive Approach*, 2012).

The Graduate Faculty Council, in accordance with the provisions of its By-Laws, has adopted this policy concerning scholarly integrity in graduate education and research and has approved the procedures set forth herein for addressing alleged violations. The Dean of the Graduate School shall coordinate the reporting, investigation, and determination of alleged breaches of scholarly integrity by graduate students in accordance with this policy. (A graduate student is defined as any individual who holds admission to the Graduate School to pursue either a graduate certificate or graduate degree, as well as any other individual enrolled in a graduate- level course who is not strictly enrolled in an undergraduate degree or an undergraduate certificate program.)

Members of the Graduate Faculty have primary responsibility to foster an environment in which the highest ethical standards prevail. All members of the University community have a responsibility to uphold the highest standards of scholarship, which encompasses activities of teaching, research, and service, and to report any violation of academic integrity of which they have knowledge. Instructors have a responsibility to take reasonable steps to prevent scholarly misconduct in their courses and to inform students of course-specific requirements. *Student misconduct other than scholarly misconduct, as defined herein, is governed by the University's Student Code, which is administered under the direction of the Office of the Provost. Enforcement of its provisions is the responsibility of the Director of Community Standards. At the Health Center, student misconduct other than scholarly misconduct is governed by the Rules of Conduct.* 

Scholarly misconduct is broadly defined as a failure to uphold standards of scholarly integrity in teaching, learning, research, or service. For the purpose of this Policy, scholarly misconduct shall be deemed to include, but not be limited to, the following types of misconduct. The list is not intended to be exhaustive, but does identify major categories of scholarly misconduct, and provides illustrations where appropriate.

- **Cheating** involves dishonesty during a course, on an examination required for a particular degree, or at other times during graduate study, e.g., copying the work of another student.
- **Plagiarism** involves using another person's language, thoughts, data, ideas, expressions, or other original material without acknowledging the source (adapted from Council of Writing Program Administrators, *Defining and Avoiding Plagiarism: The WPA Statement on Best Practices*, 2003).
- **Distorted reporting** involves "any omission or misrepresentation of the information necessary and sufficient to evaluate the validity and significance of research, at the level appropriate to the context in which the research is communicated" (D. Fanelli, *Nature* 494:149; 2013).
- **Fabrication or Falsification of Grades** involves any form of falsification of coursework or tampering with grades, e.g., a student making unauthorized changes to her/his own grades or an instructor consciously misreporting grades of students.
- *Misrepresentation* involves taking an examination for another student, submitting work done by another individual as one's own, submitting the same work for evaluation in two or more courses without prior approval, unauthorized use of previously completed work or research for a thesis, dissertation, or publication, or making false, inaccurate, or misleading claims or statements when applying for admission to the Graduate School or in any scholarly or research activity, including publication.
- Academic or Research Disruption involves unauthorized possession, use, or destruction of examinations, library materials, laboratory or research supplies or equipment, research data, notebooks, or computer files, or it might involve tampering with, sabotage of, or piracy of computer hardware, computer software, or network components.
- Fabrication or Falsification in Research involves falsification of, tampering with, or fabricating results or data.
- **Research Violations** include violation of protocols governing the use of human or animal subjects, breaches of confidentiality, obstruction of the research progress of another individual, or disregard for applicable University,

local, State, or federal regulations.

- **Professional Misconduct** involves violation of standards governing the professional conduct of students in particular fields (e.g., pharmacy, nursing, education, counseling, therapy).
- Deliberate Obstruction involves hindering investigation of any alleged act of scholarly misconduct.
- *Aiding or Abetting* involves actions that assist or encourage another individual to plan or commit any act of scholarly misconduct.

Allegations of scholarly misconduct will be addressed in accordance with the procedures set forth below. If a graduate student accused of scholarly misconduct is part of a combined degree program, the appropriate Associate Dean of the Graduate School (whether for Storrs and the regional campuses or the Health Center) and the academic leader of the other degree program will determine whether the complaint will be addressed in accordance with these procedures or in accordance with those of the other degree program, using the procedures of the program to which the alleged misconduct is more germane.

When an instructor or relevant dean or department head believes that an act of scholarly misconduct within an academic course has occurred, the procedures set forth below shall be followed:

- The instructor, dean or department head who believes that scholarly misconduct has occurred within an academic course (the "Complainant") shall retain all evidence of the alleged misconduct in its original form. Original papers or other materials need not be returned to the accused student. Copies of the accused student's work will be provided to him or her upon request. All instructors within the course shall be notified of the allegation and the proposed academic consequences before the student is notified of the alleged misconduct.
- Within thirty (30) business days of becoming aware of alleged misconduct the Complainant shall notify the accused student in writing of the allegation of misconduct and the sanctions to be imposed. The notice shall be sent by the Complainant to the accused student by Email, to the student's official University Email address, and by first class mail, postage prepaid, to the mailing address on file with the University. The notification shall advise the student that s/he has ten (10) business days from the date the notice is sent via Email to contact the Complainant to address the alleged misconduct and/or request a hearing and that if s/he fails to do so, the sanctions described in the notice shall be imposed. The Complainant shall maintain a copy of the written notification sent to the accused student.
- The accused student may request a hearing by filing a written request with the appropriate Associate Dean of the Graduate School (whether for Storrs and the regional campuses or the Health Center). The Associate Dean shall notify the Complainant of the receipt of accused student's request for a hearing within five (5) business days. The Complainant shall within five (5) business days forward to the Associate Dean copies of the written notification sent to the student, copies of the student's work, and information about other evidence supporting the allegation. The Associate Dean will arrange for a hearing to be conducted in accordance with Section C hereof.
- A student who has been notified that s/he has been accused of scholarly misconduct may not withdraw from the course in which the alleged misconduct has occurred without the approval of the Dean of the Graduate School. If a semester concludes before a scholarly misconduct matter is resolved, the student shall receive a temporary "I" (Incomplete) grade in the course until the instructor submits the appropriate grade.

A substantial portion of a graduate student's course of study takes place in contexts where they are not students within a course (e.g., serving as a teaching or research assistant, working as an intern, conducting thesis or dissertation research, taking a written or oral General Examination). Allegations of scholarly misconduct committed outside of an academic course will be addressed according to the procedures described in this section with the following exceptions:

- Cases involving allegations of research misconduct by students enrolled at Storrs or regional campuses will be referred to the Vice President for Research for review under the Policy on Alleged Misconduct in Research. Cases involving allegations of research misconduct by students enrolled at the Health Center will be referred to the Research Integrity Officer for action under the Policy on Review of Alleged Misconduct of Research. In either case, if the allegation is found to have merit, the case will be referred to a Hearing Committee for additional action (section C).
- Cases involving alleged violation of standards governing the professional conduct of students in particular fields (e.g., pharmacy, nursing, education, counseling, therapy) may be subject to additional review by other entities inside or outside the University (e.g., professional organizations, Institutional Animal Care and Use Committee, Human Subjects Institutional Review Board).

When any person (the "Complainant") believes that an act of scholarly misconduct outside of an academic course has occurred, the procedures set forth below shall be followed:

- The Complainant shall retain the evidence of the alleged misconduct in its original form.
- Within thirty (30) business days of becoming aware of the alleged violation, the Complainant shall notify the
  appropriate Associate Dean of the Graduate School (whether for Storrs and the regional campuses or the Health
  Center) of the alleged misconduct, in writing. The notification shall fully describe the nature of the alleged
  misconduct and the circumstances involved and shall be accompanied by evidence supporting the allegation. The
  notification shall bear the signature of the Complainant, and shall be dated. The Complainant shall maintain a copy
  of the notification sent to the Associate Dean.
- The Associate Dean shall notify the accused student in writing of the allegation of misconduct within five (5) business days. The notice shall be sent by the Associate Dean to the student by Email, to the student's official University Email address, and by first class mail, postage prepaid, to the mailing address on file with the University. The notification sent by the Associate Dean shall advise the student that s/he has ten (10) business days from the date the notice is sent via Email to contact the Associate Dean to address the alleged misconduct. The Associate Dean shall maintain a copy of the notification sent to the accused student.
- The Associate Dean will review the evidence submitted with the notification and consider any additional
  information provided by the accused student. Within twenty (20) business days of receiving the notification from
  the Complainant, the Associate Dean will determine whether the case should be referred to a Hearing Committee
  (section C) or to a different office within the university.

Accusations of scholarly misconduct to be subjected to a hearing will be heard by a Hearing Committee. The hearing will be scheduled no fewer than thirty (30) business days after the accused student is initially notified of advised of accusation of misconduct. For good cause shown, the Associate Dean may reschedule the hearing at the request of either the Complainant or the accused student. If the accused student fails to appear at the hearing, the Hearing Committee will hear evidence from the Complainant and render its finding. If the Complainant fails to appear at the hearing, the complaint will be dismissed. A finding of responsibility for scholarly misconduct or a dismissal of the complaint that arises from a party's failure to appear at the hearing may be appealed in writing to the Dean of the Graduate School, but only on the grounds that extreme circumstances prevented the party's attendance at the hearing. Should the appeal be accepted, the Dean will determine a new period within which a hearing must be held, and no further extensions will be granted.

The Hearing Committee shall be composed of three (3) voting members (two members of the graduate faculty and one graduate student). The appropriate Associate Dean of the Graduate School (whether for Storrs and the regional campuses or the Health Center) shall select members of the Hearing Committee with advice from the Executive Committee of the Graduate Faculty Council. The Associate Dean shall conduct the hearing as a non-voting member. No member of the Hearing Committee may be a member of the program/department of either party to the hearing. Nor may any member of the Hearing Committee have personal/professional associations with the parties. The accused student and the complainant(s) will be notified in writing of the composition of the Hearing Committee, and may object to the appointment of any committee member on the grounds that the member's participation would jeopardize his or her right to a fair hearing. The Associate Dean conducting the hearing will determine whether any objections have merit and will decide whether a panel member will be seated.

The hearing, although formal, is not a court proceeding. As such, the Hearing Committee will not be bound by the procedures and rules of evidence of a court of law. The Hearing Committee will determine whether the student is responsible for scholarly misconduct as identified within notification of alleged misconduct sent to the accused student and will determine the appropriate sanction(s) if the student is found responsible. The Hearing Committee's decision shall be made by majority vote. A finding of scholarly misconduct shall be based on clear and convincing evidence submitted at the hearing.

The hearing will occur in private, and it will be recorded. The Graduate School will maintain a copy of the recording. The student may invite one person to attend the hearing as a support person. The student may consult with the support person throughout the hearing, but the support person shall not be permitted to participate in the hearing.

Both the student and the Complainant may submit documentary evidence and invite witnesses to provide testimony. The student and the Complainant shall submit the names of witnesses whose testimony they intend to offer to the Associate Dean conducting the hearing at least five (5) business days in advance of the hearing. The Associate Dean shall provide a list of the witnesses to the Hearing Committee, the student, the Complainant, and all witnesses at least two (2) business days before the scheduled hearing date.

The Associate Dean will conduct the hearing in accordance with the following procedure:

- The Associate Dean will identify the accused student, the Complainant, the witnesses, the support person accompanying the student, if any, and the members of the Hearing Committee;
- The Associate Dean will state the allegations of misconduct, as set forth in the notification sent to the accused student;
- The Complainant and the accused student will be offered the opportunity to make opening statements;
- The Complainant may present evidence of the alleged misconduct, which may include written statements, personal testimony, oral testimony of witnesses, and physical exhibits;
- The accused student may present evidence to support his/her position, which may include written statements, personal testimony of the accused student, oral testimony of witnesses, and physical exhibits;
- The Committee will be offered the opportunity to question the accused student, the accused student's witnesses, the Complainant, and/or the Complainant's witnesses;
- The Complainant will be offered the opportunity to present a summation; and
- The accused student will be offered the opportunity to present a summation. During the hearing the accused student:
- May decline to make statements. The accused student's refusal to answer questions shall not be interpreted as evidence of guilt; and
- May decline to appear at the hearing. The refusal of the accused student to appear at the hearing shall not be interpreted as evidence of guilt. The hearing panel will consider the evidence presented in the absence of the accused student.

At the conclusion of the hearing, the Hearing Committee shall deliberate and render a decision. The decision will be sent to the accused student, the Complainant, the Dean of the school or college in which the alleged misconduct occurred, and to the Dean of the Graduate School within ten (10) business days from the date of the hearing. The notice shall be sent to the student by e- mail, to the student's official University Email address, and by first class mail, postage prepaid, to the mailing address on file with the University. The Hearing Committee's decision will specify clearly:

- Whether the student has been found responsible for scholarly misconduct; and
- If so, the sanctions to be imposed. The Hearing Committee will consider mitigating circumstances in determining the severity of the sanctions to be imposed.

If the Hearing Committee finds that the student is responsible for scholarly misconduct, the finding will stand and the recommended sanctions will be imposed unless the student files a written appeal with the Dean of the Graduate School within ten (10) business days of his or her receipt of the Hearing Committee's decision. An appeal is not a new hearing. It is a review of the record of the original hearing. In order to prepare an appeal, the accused student and his or her support person (with the written consent of the accused student), shall have the right to review the records of the hearing, including the audio recording.

An appeal may be sought on the following three grounds: (a) On a claim of error in the hearing procedure; (b) On a claim of new evidence or information material to the case that was not available at the time of the hearing, or (c) On a claim of substantive error arising from misinterpretation of evidence presented at the hearing.

The Dean of the Graduate School shall have the authority to dismiss an appeal not sought on one or more of these three grounds. If an appeal is upheld, the Dean of the Graduate School shall refer the matter back to the Hearing Committee with appropriate instructions. The decision of the Dean of the Graduate School concerning an appeal shall be final. A version of this policy was first approved and adopted by the Board of Trustees on November 10, 1998. This version was approved and adopted by the Board of Trustees on April 24, 2013.