



PHD PROGRAM IN PUBLIC AND COMMUNITY HEALTH

Curriculum and Competencies Plan

		\$ Medical College of Wisconsin Funding <i>(ends December 31 of student's second year)</i>		\$ Student Research Funding - Internal and External Awards with Faculty <i>(begins January 1 of student's second year)</i>	
COURSEWORK		1 ST YEAR	2 ND YEAR	3 RD YEAR	4 TH YEAR
	FALL	<ul style="list-style-type: none"> ➤ Biostatistics I ➤ Introduction to Epidemiology ➤ CHI I: Foundations of Public and Community Health ➤ Doctoral Seminar ➤ Qualitative and Mixed Methods 	<ul style="list-style-type: none"> ➤ CHI III: Principles and Practices of Community- Academic Partnerships ➤ Readings and Research ➤ Doctoral Seminar ➤ Elective 	<ul style="list-style-type: none"> ➤ CHI VI: Practice of CBPR ➤ Readings and Research ➤ Elective ➤ Doctoral Seminar 	<ul style="list-style-type: none"> ➤ Readings and Research ➤ Doctoral Seminar
	SPRING	<ul style="list-style-type: none"> ➤ Biostatistics II ➤ Qualitative Analysis course ➤ CHI II: Health Disparities and Underlying Determinants of Health ➤ Doctoral Seminar ➤ CTS Research Seminar 	<ul style="list-style-type: none"> ➤ Ethics in Public Health Research ➤ CHI IV: Translating Community Health Improvement into Policy ➤ Readings and Research ➤ Doctoral Seminar ➤ Research Ethics Discussion Series 	<ul style="list-style-type: none"> ➤ CHI VII: Practice of CBPR ➤ Readings and Research ➤ Elective ➤ Doctoral Seminar 	<ul style="list-style-type: none"> ➤ Doctoral Dissertation
	SUMMER	<ul style="list-style-type: none"> ➤ Readings and Research ➤ Ethics and Integrity in Science 	<ul style="list-style-type: none"> ➤ CHI V: Principles and Methods of CBPR ➤ Readings and Research 	<ul style="list-style-type: none"> ➤ Readings and Research 	

COMPETENCIES INTRODUCED	1. Display a high degree of mastery in appropriate theories, analytical skills, research design and methodology in the public and community health sciences.			
	<p>2. Identify and apply strategies for interdisciplinary approaches that support collaborative models that interface public health with other health professional disciplines so as to improve the health of the public and community.</p> <p>3. Incorporate knowledge of cultural, social, behavioral and biological factors in formulating research questions, designing and implementing research.</p> <p>4. Identify the ethical implications of research.</p> <p>5. Apply systems thinking skills in the assessment, development, implementation and evaluation of community health improvement efforts.</p> <p>6. Translate and disseminate research findings in order to improve public and community health in diverse populations.</p> <p>7. Effectively communicate orally and in writing, present public and community health issues and disseminate findings in area of expertise to appropriate professional and public audiences.</p>	<p>8. Demonstrate experience in developing and sustaining community partnerships.</p> <p>9. Identify knowledge gaps in the selected field, critically analyze the literature, synthesize relevant information, and formulate focused research questions to address the gaps.</p> <p>10. Demonstrate knowledge in public and community health policy development, implementation and evaluation.</p> <p>11. Demonstrate teaching skills in working with students and other professionals in academic, research or practice settings and community settings.</p>	<p>12. Demonstrate an in-depth knowledge and understanding of issues in substantive interest area in the public and community health sciences.</p> <p>13. Design and conduct original research that contributes to knowledge in selected field.</p> <p>14. Understand the grant writing process and demonstrate the ability to write and manage research grant proposals.</p>	<p>All competencies applied towards doctoral research and dissertation defense.</p>

EXPERIENTIAL LEARNING	➤ Orientation			
	<ul style="list-style-type: none"> ➤ Identification of mentor ➤ Introduction to literature reviews ➤ Discovery of library resources ➤ Monthly program director meetings ➤ Critical thinking training ➤ Research methods ➤ Community site visits 	<ul style="list-style-type: none"> ➤ Formalize mentor ➤ Doctoral Qualifying Examination ➤ Annotated bibliographies ➤ Introduction to community organization partners ➤ Grants training ➤ Health policy and advocacy ➤ Biostatistical analysis 	<ul style="list-style-type: none"> ➤ Formation of dissertation committee ➤ Dissertation proposal ➤ Independent community collaboration ➤ Dissertation research ➤ Manuscript drafting ➤ Grant proposals 	<ul style="list-style-type: none"> ➤ CBPR training and research ➤ Community collaboration ➤ Community coalitions ➤ Development of publications ➤ Defense of dissertation ➤ Dissemination of research