

**Department of Mental Health
PhD PROGRAM COMPETENCIES**

			Evaluation Opportunities							
Specific Competencies	Learning Opportunities		Course Work/Exam	Written Comps	Department Preliminary Orals	School Preliminary Orals	Thesis	Final Defense	Public Thesis Presentation	Non-Thesis Research
1. Identify the major alcohol, drug, and mental health problems and describe their clinical characteristics, natural history, and risk factors	<p>List major national and international alcohol, drug, and mental health problems and explain their public health importance</p> <p>330.601 Perspectives of Psychiatry: The Public Health Framework 330.602 Epidemiology of Drug and Alcohol Dependence 330.603 Psychiatric Epidemiology 550.865 Public Health Perspectives on Research Working Groups Department of Mental Health Seminar Series</p>		X	X	X	X				
	<p>Describe clinical characteristics and natural history of major alcohol, drug, and mental disorders</p> <p>330.601 Perspectives of Psychiatry: The Public Health Framework 330.602 Epidemiology of Drug and Alcohol Dependence 330.603 Psychiatric Epidemiology Working Groups Department of Mental Health Seminar Series Psychiatry Grand Rounds – School of Medicine Behavioral Pharmacology Research Center Seminar Series</p>		X	X	X	X				
	<p>Identify and discuss important risk factors for major alcohol, drug, and mental disorders</p> <p>330.602 Epidemiology of Drug and Alcohol Dependence 330.603 Psychiatric Epidemiology 330.612 Introduction to Behavioral and Psychiatric Genetics 330.623 Neuropsychology of Mental Disorders 330.661 Social, Psychological, and Development Processes in the Etiology of Mental Disorders Working Groups Department of Mental Health Seminar Series Psychiatry Grand Rounds – School of Medicine Behavioral Pharmacology Research Center Seminar Series</p>		X	X	X	X				

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2. Conduct and publish research in substantive and methodological issues in the field of psychiatric and substance use epidemiology										
Specific Competencies	Learning Opportunities									
Design epidemiologic research studies for elucidating etiologic pathways for alcohol, drug, and mental disorders	306.665 Research Ethics and Integrity 330.602 Epidemiology of Drug and Alcohol Dependence 330.603 Psychiatric Epidemiology 340.751-3 Epidemiologic Methods I-III 340.754 Methodologic Challenges in Epidemiologic Research 550.860 Research Ethics Working Groups Thesis		X		X	X	X	X	X	X
Critically evaluate, select, and implement effective measurement strategies for assessment of alcohol, drug and mental disorders across the range of epidemiologic settings	306.665 Research Ethics and Integrity 330.602 Epidemiology of Drug and Alcohol Dependence 330.603 Psychiatric Epidemiology 330.657 Statistics for Psychosocial Research: Measurement 550.860 Research Ethics Working Groups Department of Mental Health Seminar Series Department of Epidemiology Seminar Series Thesis		X		X	X	X	X	X	X
Evaluate, select, and implement appropriate strategies for analysis of epidemiologic data across the range of epidemiologic designs and settings	140.621-4 Statistical Methods in Public Health I-IV 140.651-4 Methods in Biostatistics I-IV 330.602 Epidemiology of Drug and Alcohol Dependence 330.603 Psychiatric Epidemiology Working Groups Biostatistics Grand Rounds and Seminar Department of Mental Health Seminar Series Thesis		X		X	X	X	X	X	X

