

Competencies

Epidemiology of Aging – MHS, ScM, PhD, and ScD Department of Epidemiology

			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. Provide advanced training in major public health and clinical issues related to older adults and the conceptual and methodological framework that form a basis for studies of older populations Recognize the public health significance of an aging population	309.605	Health Issues for Aging Populations	X	X		X	X	X		
	309.607	Innovations in Health Care for Aging Populations								
	340.616	Epidemiology of Aging								
	340.863	Doctoral Seminars in Epidemiology								
	550.865	Public Health Perspectives on Research								
		COAH* Grand Rounds								
		Epidemiology of Aging Journal Club Lipitz Center for Integrated Health Seminars								
Describe the epidemiology of major adverse outcomes in older adults not restricted to incident diseases and mortality, but also including geriatric syndromes (e.g., frailty, falls), and functional outcomes (e.g., physical disability, cognitive impairment).	340.607	Epidemiology and Preventive Aspects of Cardiovascular Diseases	X	X	X		X	X		
	340.616	Epidemiology of Aging								
	340.620	Principles in Clinical Epidemiology								
	340.820	Thesis Research Epidemiology								
		Epidemiology of Aging Journal Club								
Identify the epidemiologic implications of key health-related aging concepts, including increased health status heterogeneity, comorbidity and subclinical disease, disablement process and compression of morbidity, age-related physiological changes and frailty, and multifactorial pathways and interventions	340.616	Epidemiology of Aging	X	X		X	X	X		
	340.820	Thesis Research Epidemiology								
		COAH Grand Rounds								
		Epidemiology of Aging Journal Club								

* COAH = Center on Aging and Health

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1. Provide advanced training in major public health and clinical issues related to older adults and the conceptual and methodological framework that form a basis for studies of older populations, continued	Explain the procedures for the measurement of critical physical function outcomes and their risk factors, including subclinical disease, comorbidity, demographics, etc.	260.665 Biological Basis of Aging 340.616 Epidemiology of Aging 340.820 Thesis Research Epidemiology Epidemiology of Aging Journal Club	X	X	X		X	X		
	Identify and describe the methodologies that form the basis for the epidemiologic investigation of older populations, particularly as they apply to longitudinal studies; e.g., methods to successfully recruit and retain disabled older adults, to analyze trajectories over time, to deal with missing data and/or competing risks	140.621-4 Statistical Methods in Public Health I-IV 340.751 Epidemiologic Methods 1 340.752 Epidemiologic Methods 2 340.753 Epidemiologic Methods 3 340.754 Methodologic Challenges in Epidemiologic Research 340.645 Introduction to Clinical Trials 340.616 Epidemiology of Aging 340.715 Problems in the Design of Epidemiologic Studies 340.717 Health Survey Research Methods 340.820 Thesis Research Epidemiology 340.840 Special Studies and Research COAH Biostatistics Core Seminars Epidemiology of Aging Journal Club	X	X		X	X	X		
	Retrieve, organize, interpret, critique, and summarize the design, quantitative methods, and findings of major studies published studies in the aging literature	140.621-4 Statistical Methods in Public Health I-IV 340.751 Epidemiologic Methods 1 340.752 Epidemiologic Methods 2 340.753 Epidemiologic Methods 3 340.754 Methodologic Challenges in Epidemiologic Research 340.616 Epidemiology of Aging 340.820 Thesis Research Epidemiology 340.840 Special Studies and Research (Aging) COAH Biostatistics Core Seminars Epidemiology of Aging Journal Club Research in Progress Meetings	X	X		X	X	X		

