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

1. Obtain advanced training in major public health and clinical issues relevant to clinic-based research settings and the conceptual and methodological framework that form a basis for studies of these populations

Specific Competencies	Learning Opportunities		Evaluation Opportunities: Course Work/Exam	Written Comps	Department Preliminary Orals	School Preliminary Orals	Thesis	Final Defense	Public Thesis Presentation	Non-Thesis Research
Apply an understanding of the patho-physiology of cardiovascular disease to epidemiologic research	120.603	Molecular Biology of Disease	X		X	X	X		X	X
	260.600	Introduction to the Biomedical Sciences								
	340.607	Epidemiologic and Preventive Aspects of Cardiovascular Diseases								
	340.803	Advanced Topics in Cardiovascular Disease Epidemiology								
	340.855	Biological Basis of Cardiovascular Disease Epidemiology								
	550.630	Public Health Biology								
	Research in Progress Meetings									
	Welch Center Grand Rounds									
Apply state of the art methods for measuring cardiovascular disease and risk factors in epidemiologic research	340.607	Epidemiologic and Preventive Aspects of Cardiovascular Diseases	X		X	X	X	X	X	X
	340.803	Advanced Topics in Cardiovascular Disease Epidemiology								
	Welch Center Journal Club									
	Thesis									
Select and apply appropriate study designs to investigate cardiovascular risk factors	340.607	Epidemiologic and Preventive Aspects of Cardiovascular Diseases	X		X	X	X			X
	340.645	Introduction to Clinical Trials								
	340.717	Health Survey Research Methods								
	340.803	Advanced Topics in Cardiovascular Disease Epidemiology								
	Welch Center Journal Club									
	Research in Progress Meetings									
	Welch Center Grand Rounds									

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1. Obtain advanced training in major public health and clinical issues relevant to clinic-based research settings and the conceptual and methodological framework that form a basis for studies of these populations, continued

Specific Competencies	Learning Opportunities	Evaluation Opportunities							
		Course Work/Exam	Written Comps	Department Preliminary Orals	School Preliminary Orals	Thesis	Final Defense	Public Thesis Presentation	Non-Thesis Research
Identify risk factors for major cardiovascular disorders and describe their natural history	340.607 Epidemiologic and Preventive Aspects of Cardiovascular Diseases 340.803 Advanced Topics in Cardiovascular Disease Epidemiology Welch Center Journal Club Research in Progress Meetings Welch Center Grand Rounds	X	X	X	X				X
Incorporate relevant techniques, ranging from molecular to behavioral into epidemiologic studies	340.607 Epidemiologic and Preventive Aspects of Cardiovascular Diseases 340.803 Advanced Topics in Cardiovascular Disease Epidemiology Welch Center Journal Club Research in Progress Meetings Welch Center Grand Rounds	X		X	X	X	X	X	X