

Competencies

Infectious Disease Epidemiology – 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	Journal Club	
1. Understand the interactions of infectious agents and their hosts, environment, vectors, and ecology Describe the major epidemiological characteristics of the most important and common infectious diseases, such as HIV/AIDS, influenza, tuberculosis, malaria, major childhood infections, etc.	223.682 340.612 340.627 340.629 340.641 340.646	Clinical Aspects of Tropical Disease Epidemiologic Basis for Tuberculosis Control Epidemiology of Infectious Diseases Medical Mycology Healthcare Epidemiology Epidemiology and Public Health Impact of HIV and AIDS Emerging Infections Epidemiology and Natural History of Human Viral Infections Thesis Research Epidemiology	X	X	X	X	X	X	X	X	X	
	183.631 260.611-2 340.845	Fundamentals of Human Physiology Principles of Immunology I-II SS/R Applied Aspects of Cohort Studies	X	X								
	340.715 340.863 340.820 550.865	Problems in the Design of Epidemiologic Studies (Grant Writing) Doctoral Seminars In Epidemiology Thesis Research Epidemiology Public Health Perspectives on Research Infectious Disease Epidemiology Journal Club	X									X

