

**Goals and Student Learning Outcomes: MS in Global Health Sciences:
Program Learning Outcomes mapped to Course Learning Outcomes**

	GHS 201A	GHS 201B	GHS 202A	GHS 202B	GHS 203	GHS 205	EPI 203	BIOSTAT 200	BIOSTAT 208	EPI 213	GHS 204	
Goal 1: Graduates will understand historical, political, scientific, and practical approaches to existing and emerging global health problems												
Learning Outcomes:												
1. Synthesize clinical, epidemiological, historical, political, economic, and sociological information on major global health problems	X	X	X	X	X	X	X	X	X	X		
2. Exercise leadership in analysis, policy development, and program implementation					X						X	
3. Apply these skills in their field project					X						X	
Goal 2: Graduates will understand the cultural, social, economic, and environmental determinants of global health and development												
Learning Outcomes:												
1. Explain the positive and negative roles of development, education, political structure and economics in global health disparities	X	X	X	X	X	X						
2. Interpret and analyze global environmental determinants and their effect on health	X	X	X	X	X	X	X					
3. Explain the pervasive roles of poverty and culture as determinants of global health		X			X	X				X		
	GHS 201A	GHS 201B	GHS 202A	GHS 202B	GHS 203	GHS 205	EPI 203	BIOSTAT 200	BIOSTAT 208	EPI 213	GHS 204	
Goal 3: Graduates will master principles of measurement and analysis												
1. Apply integrated knowledge from the fields of epidemiology, biostatistics, and clinical research methods to solve practical global problems					X		X	X	X	X	X	
2. Apply cost-benefit analysis, macroeconomic analysis, and cost-of illness analysis to global health problems and interventions		X								X		
Goal 4: Graduates will have a firm grasp of ethical issues involving global health practice, research, and governance												

