

1. Use statistics and econometric methods (including statistical inferences, regression methods, and applied econometric methods) to solve public health problems.

140.621	P	Stats Meth in PH I	X	Course Work/Exams
140.622	R	Stats Meth in PH II		Seminars
140.623	R	Stats Meth in PH III		Written Comprehensive Exam
221.651	R	Econometrics I		Non-thesis Research
			X	Master's Essay

2. Understand the burden of disease; measure and calculate health outcomes; differentiate between methods of economic evaluation; and practice use of economic evaluation.

313.630	P	Econ Eval I	X	Course Work/Exams
313.631	P	Econ Eval II		Seminars
313.632	R	Econ Eval III	X	Written Comprehensive Exam
340.601	R	Princ of Epi		Non-thesis Research
			X	Master's Essay

3. Apply economic theory and mathematical microeconomic modeling within the field of health economics.

313.643	P	Hlth Econ I	X	Course Work/Exams
313.644	P	Hlth Econ II		Seminars
313.645	R	Hlth Econ III		Written Comprehensive Exam
313.670	R	Mathematical Microecon		Non-thesis Research
			X	Master's Essay

4. Evaluate and apply methods in health economics and economic evaluation in public health research.

221.651	R	Econometrics I	X	Course Work/Exams
313.645	P	Hlth Econ III	X	Seminars
313.861	R	PH Econ Sem		Written Comprehensive Exam
				Non-thesis Research
			X	Master's Essay

5. Use economic theory and economic modeling to interpret, analyze, and evaluate health policy in the context of low- and middle-income countries (LMICs).

220.601	R	Intro to Int'l Hlth	X	Course Work/Exams
221.627	P	Mat/Neonatal Mortality in LMIC	X	Seminars
223.680	R	Global Dis Control Programs & Pol	X	Written Comprehensive Exam
223.687	P	Vaccine Policy Issues		Non-thesis Research
309.670	P	Comp Hlth Ins	X	Master's Essay
312.693	P	Intro Compar Effect & Outcome Rsrch		
318.603	P	Appl'd Microecon for Pol Mking I		
330.606	R	Econ of MH & Subst Use Disorders		

6. Describe the health status and demographic profile of LMIC populations including incidence and prevalence of disease morbidity and mortality, and life expectancy in LMICs.

221.617	P	Behav Econ in Hlth Decisions	X	Course Work/Exams
221.620	R	Summary Meas of Pop	X	Seminars
221.646	P	Hlth Sys in LMIC		Written Comprehensive Exam
221.650	R	Hlth Pol Analysis in LMIC		Non-thesis Research
221.652	R	Hlth Financing in LMIC	X	Master's Essay
223.687	R	Vaccine Policy Issues		
309.670	P	Comp Hlth Ins		
312.693	P	Intro Compar Effect & Outcome Rsrch		
330.606	R	Econ of MH & Subst Use Disorders		

