

1. Evaluate and execute intervention strategies and approaches that address major public health problems of underserved populations, with emphasis on infectious diseases and vaccines, in the context of culture, communities and health policies.

180.602 R	Environ & Hlth in LMICs	340.612 R	Epi Basis for TB Control	X	Course Work/Exams
182.626 R	Water & Sanitation in Trop EH	340.609 R	Concepts & Methds Inf Dis Epi		Seminars
220.601 P	Intro to Int'l Hlth	340.677 R	Inf Dis Dynamics	X	Practicum/Field Placement/Internship & Reporting
221.688 P	Soc & Behav Primary Hlth Care	340.627 P	Epi of Inf Dis		Non-thesis Research
223.662 P	Vaccine Dev & App	260.656 R	Malariology	X	Master's Research & Essay/Thesis/Project
223.663 P	Inf Dis & Child Survival	410.620 R	Prog Plan Hlth Behav Change	X	Essay/Thesis/Project Presentation & Posters
223.680 P	Global Dis Control Programs & Pol	410.630 P	Impl Comm-Based Hlth Progs		
223.687 R	Vaccine Policy Issues	410.650 R	Intro to Persuasive Comm		
223.867 P	ST Vaccine Sci	410.651 R	Hlth Literacy: Chall & Strats		
223.682 P	Clin & Epi Aspects of Tropical Dis				
223.689 P	Bio Basis of Vaccine Dev				
223.860 R	Global Dis Epi & Cntrl Prog Sem				
224.689 P	Hlth Behav Chnge Levels				
340.606 R	Sys Reviews & Meta-Analysis				

2. Incorporate the epidemiology, biology, pathophysiology, and/or modes of transmission, to analyze, recommend, or create appropriate strategies for prevention and control of the major infectious diseases of public health importance to resource-poor environments.

223.662 P	Vaccine Dev & App	X	Course Work/Exams
223.663 P	Inf Dis & Child Survival		Seminars
223.664 P	Design & Conduct of Comm Trials	X	Practicum/Field Placement/Internship & Reporting
223.680 P	Global Dis Control Programs & Pol	X	Non-thesis Research
223.682 P	Clin & Epi Aspects of Tropical Dis	X	Master's Research & Essay/Thesis/Project
223.689 R	Bio Basis of Vaccine Dev	X	Essay/Thesis/Project Presentation & Posters
223.705 R	Clin Vac Trials & Good Clin Pract		
340.751 P	Epi Methds 1		
340.752 P	Epi Methds 2		
340.753 R	Epi Methds 3		
340.769 R	Prof Epi Methds		
340.770 R	PH Surveillance		

3. Apply management principles to programs for health systems and health services in developing countries.

221.602	P	Apps in Mngng Hlth Orgs in LMICs	X	Course Work/Exams
221.722	P	Qual Assur Mgmt Methds Dev Countries		Seminars
305.607	P	PH Practice	X	Practicum/Field Placement/Internship & Reporting
317.600	P	Intro to Risk Sci & Pub Pol		Non-thesis Research
551.603	P	Fund of Budgeting & Finan Mgmt	X	Master's Research & Essay/Thesis/Project
551.607	P	Pharma Mgmt for Under-Served		Essay/Thesis/Project Presentation & Posters
551.608	P	Mnging NGOs in the Hlth Sector		

4. Identify major environmental health problems and communicate some solutions in detail with an emphasis on issues of water and sanitation.

180.602	P	Environ & Hlth in LMICs	X	Course Work/Exams
180.611	P	The Global Environ & PH		Seminars
182.626	P	Water & Sanitation in Trop EH	X	Practicum/Field Placement/Internship & Reporting
182.640	P	Food & Water Borne Dis		Non-thesis Research
				Master's Research & Essay/Thesis/Project
			X	Essay/Thesis/Project Presentation & Posters

5. Analyze and synthesize relevant public health data and develop and implement prevention, control, and evaluation plans employing epidemiological methods to address disease burdens of public health importance.

140.621 P	Stats Methds in PH I	223.682 P	Clin & Epi Aspects of Tropical Dis	X	Course Work/Exams
140.622 P	Stats Methds in PH II	340.751 P	Epi Methds 1		Seminars
140.623 R	Stats Methds in PH III	340.752 R	Epi Methds 2	X	Practicum/Field Placement/Internship & Reporting
140.624 R	Stats Methds in PH IV	340.753 R	Epi Methds 3		Non-thesis Research
140.651 P	Methds in Biostats I	340.769 R	Prof Epi Methds	X	Master's Research & Essay/Thesis/Project
140.652 P	Methds in Biostats II	340.770 R	PH Surveillance	X	Essay/Thesis/Project Presentation & Posters
140.653 R	Methds in Biostats III				
140.654 R	Methds in Biostats IV				
140.662 R	Spatial Analysis and GIS I				
140.663 R	Spatial Analysis and GIS II				
220.601 P	Intro to Int'l Hlth				
223.662 P	Vaccine Dev & App				
223.663 P	Inf Dis & Child Survival				
223.680 P	Global Dis Control Programs & Pol				

6. Address problems of global disease burden within its biological, cultural, and behavioral context.

220.601 P	Intro to Int'l Hlth	X	Course Work/Exams
223.663 R	Inf Dis & Child Survival	X	Seminars
223.680 P	Global Dis Control Programs & Pol	X	Practicum/Field Placement/Internship & Reporting
223.662 R	Vaccine Dev & App		Non-thesis Research
223.689 R	Bio Basis of Vaccine Dev	X	Master's Research & Essay/Thesis/Project
223.860 R	Global Dis Epi & Cntrl Prog Sem	X	Essay/Thesis/Project Presentation & Posters
224.689 R	Hlth Behav Chnge Levels		
317.600 R	Intro to Risk Sci & Pub Pol		
410.620 R	Prog Plan Hlth Behav Change		
410.630 R	Impl Comm-Based Hlth Progs		
410.650 R	Intro to Persuasive Comm		
410.651 R	Hlth Literacy: Chall & Strats		

7. Evaluate a field research or public health program from conception of ideas through design, management, monitoring, data collection, interpretation, and analysis.

221.641 P	Meas Humanitarian Emerg	380.611 R	Fund of Prog Eval	X	Course Work/Exams
221.645 P	Large-Scale Effect Eval Hlth Prog	550.860 R	Academic & Rsrch Ethics at JHSPH	X	Seminars
223.663 R	Inf Dis & Child Survival			X	Practicum/Field Placement/Internship & Reporting
223.664 P	Design & Conduct of Comm Trials				Non-thesis Research
223.691 R	Chnge in Mat, Neonatal & Child Mort			X	Master's Research & Essay/Thesis/Project
223.705 R	Clin Vac Trials & Good Clin Pract			X	Essay/Thesis/Project Presentation & Posters
223.810 R	Field Place: Dis Control				
223.860 R	Global Dis Epi & Cntrl Prog Sem				
306.655 R	Ethical Issues in PH				
306.665 R	Rsrch Ethics & Integrity				
340.751 R	Epi Methds 1				
340.752 R	Epi Methds 2				
340.753 R	Epi Methds 3				
380.603 R	Demog Methds for PH				

8. Conduct a statistical analysis of disease burden or program evaluation data, and provide a reasoned interpretation of the results to contribute to program improvement and/or public health literature.

140.621 P	Stats Methds in PH I	X	Course Work/Exams
140.622 P	Stats Methds in PH II	X	Seminars
140.623 P	Stats Methds in PH III		Practicum/Field Placement/Internship & Reporting
140.624 P	Stats Methds in PH IV		Non-thesis Research
140.651 P	Methds in Biostats I	X	Master's Research & Essay/Thesis/Project
140.652 P	Methds in Biostats II	X	Essay/Thesis/Project Presentation & Posters
140.653 P	Methds in Biostats III		
140.654 P	Methds in Biostats IV		
140.632 P	SAS Statistical Pack		

9. Produce written reports of research and/or programmatic findings and communicate them via oral presentations, posters, briefs, peer-reviewed articles, or other official documents, intended for public health professionals and/or policy makers.

220.601	P	Intro to Int'l Hlth	X	Course Work/Exams
223.663	P	Inf Dis & Child Survival	X	Seminars
223.680	P	Global Dis Control Programs & Pol	X	Practicum/Field Placement/Internship & Reporting
				Non-thesis Research
			X	Master's Research & Essay/Thesis/Project
			X	Essay/Thesis/Project Presentation & Posters