

1. Analyze the history, geography, medical systems, culture, ethnography, economics, and ethnomedical beliefs and practices of a target study population and use this information to design a research study.

220.605	P	Doc Sem: Int'l Hlth I	X	Course Work/Exams
220.606	P	Doc Sem: Int'l Hlth II	X	Seminars
224.810	P	Field Place: SBI	X	Written Comprehensive/Qualifying Exam
224.840	R	SS/R SBI	X	Department Preliminary Orals
224.860	R	Sem SBI Prog I	X	School-wide Preliminary Orals
224.861	R	Sem SBI Prog II	X	Doctoral Research & Thesis
224.862	R	Sem SBI Prog III		Preparing a scholarly project proposal
224.863	R	Doc Sem: Rsrch Appl'd Med Anth I	X	Teaching (TA, Course Lecturer, Course Instructor)
				Final Defense
				Public Thesis Presentation

2. Identify and describe the determinants and behaviors associated with major causes of disease and disability most prevalent among underserved populations.

221.627	P	Mat/Neonatal Mortality in LMIC	380.665	P	Family Plan Pol & Progs	X	Course Work/Exams
224.689	P	Hlth Behav Chnge Levels	380.668	P	Int'l Perspec Wmn, Gender, & Hlth		Seminars
224.810	P	Field Place: SBI	380.760	P	Clin Aspects of Repro Hlth	X	Written Comprehensive/Qualifying Exam
224.840	P	SS/R SBI	380.761	P	STIs PH Practice		Department Preliminary Orals
340.601	R	Princ of Epi	380.762	P	HIV Wmn, Chldrn, & Adlscnts		School-wide Preliminary Orals
340.608	R	Obs Epi					Doctoral Research & Thesis
340.646	P	Epi & PH Impact of HIV & AIDS				X	Preparing a scholarly project proposal
340.751	R	Epi Methds 1				X	Teaching (TA, Course Lecturer, Course Instructor)
340.752	R	Epi Methds 2					Final Defense
340.753	R	Epi Methds 3					Public Thesis Presentation
340.769	R	Prof Epi Methds					
340.770	R	PH Surveillance					
380.661	P	Clin Aspects Mat & Newborn Hlth					
380.662	P	Rsrch Lit in Mat & Repro Hlth					

Primary—introduces knowledge and skills necessary for achieving the competency **R: Reinforcing**—reinforces knowledge and skills necessary for achieving the competency 1

3. Assess the effectiveness of current behavioral interventions for major causes of disease and disability.

224.689	P	Hlth Behav Chnge Levels	X	Course Work/Exams
224.810	R	Field Place: SBI		Seminars
224.840	R	SS/R SBI		Written Comprehensive/Qualifying Exam
308.610	P	Political Econ of Soc Inequalities	X	Department Preliminary Orals
330.661	P	Etiology of Mental Disorders	X	School-wide Preliminary Orals
340.705	P	Adv Sem in Social Epi	X	Doctoral Research & Thesis
410.612	P	Soc Perspectives on Hlth	X	Preparing a scholarly project proposal
410.613	P	Psychosoc Factors in Hlth & Illness		Teaching (TA, Course Lecturer, Course Instructor)
			X	Final Defense
			X	Public Thesis Presentation

4. Evaluate and critique the relevant literature on a topic and frame a research question in terms of study goals and specific aims.

224.810	R	Field Place: SBI	X	Course Work/Exams
224.820	R	Thesis Rsrch: SBI		Seminars
224.840	R	SS/R SBI		Written Comprehensive/Qualifying Exam
224.860	P	Sem SBI Prog I	X	Department Preliminary Orals
224.861	P	Sem SBI Prog II	X	School-wide Preliminary Orals
224.862	P	Sem SBI Prog III	X	Doctoral Research & Thesis
224.863	R	Doc Sem: Rsrch Appl'd Med Anth I	X	Preparing a scholarly project proposal
224.864	R	Doc Sem: Rsrch Appl'd Med Anth II		Teaching (TA, Course Lecturer, Course Instructor)
				Final Defense
				Public Thesis Presentation

5. Design, implement and evaluate community-based behavioral health initiatives.

140.621 P	Stats Methds in PH I	340.753 P	Epi Methds 3	X	Course Work/Exams
140.622 P	Stats Methds in PH II	340.769 P	Prof Epi Methds	X	Seminars
140.623 P	Stats Methds in PH III	340.770 P	PH Surveillance	X	Written Comprehensive/Qualifying Exam
140.624 P	Stats Methds in PH IV			X	Department Preliminary Orals
140.651 P	Methds in Biostats I			X	School-wide Preliminary Orals
140.652 P	Methds in Biostats II			X	Doctoral Research & Thesis
140.653 P	Methds in Biostats III			X	Preparing a scholarly project proposal
140.654 P	Methds in Biostats IV				Teaching (TA, Course Lecturer, Course Instructor)
140.658 P	Stats for Psych Soc Rsrch: Models				Final Defense
330.657 P	Stats for Psych Soc Rsrch: Meas				Public Thesis Presentation
340.601 P	Princ of Epi				
340.608 P	Obs Epi				
340.751 P	Epi Methds 1				
340.752 P	Epi Methds 2				

6. Design, implement, and manage a theoretically-grounded research study on social, cultural, and behavioral aspects of health, differentiating between qualitative and quantitative designs.

224.689 P	Hlth Behav Chnge Levels	X	Course Work/Exams
224.690 P	Qual Rsrch I: Theory & Methds	X	Seminars
224.691 P	Qual Rsrch II: Data Analysis		Written Comprehensive/Qualifying Exam
224.692 P	Form Rsrch Behav & Comm Interv	X	Department Preliminary Orals
224.820 R	Thesis Rsrch: SBI	X	School-wide Preliminary Orals
224.860 R	Sem SBI Prog I		Doctoral Research & Thesis
224.861 R	Sem SBI Prog II	X	Preparing a scholarly project proposal
224.862 R	Sem SBI Prog III		Teaching (TA, Course Lecturer, Course Instructor)
224.863 R	Doc Sem: Rsrch Appl'd Med Anth I	X	Final Defense
224.864 R	Doc Sem: Rsrch Appl'd Med Anth II	X	Public Thesis Presentation

7. Prepare applications to an IRB for ethical approval, considering ethical issues involved in research in resource poor settings and argue for a specific approach to addressing these issues.

224.690 P	Qual Rsrch I: Theory & Methds	550.865 R	PH Perspectives on Rsrch	X	Course Work/Exams
224.691 P	Qual Rsrch II: Data Analysis				Seminars
224.692 P	Form Rsrch Behav & Comm Interv				Written Comprehensive/Qualifying Exam
224.820 R	Thesis Rsrch: SBI			X	Department Preliminary Orals
306.665 R	Rsrch Ethics & Integrity			X	School-wide Preliminary Orals
340.601 R	Princ of Epi			X	Doctoral Research & Thesis
340.608 R	Obs Epi			X	Preparing a scholarly project proposal
340.751 R	Epi Methds 1				Teaching (TA, Course Lecturer, Course Instructor)
340.752 R	Epi Methds 2				Final Defense
340.753 R	Epi Methds 3				Public Thesis Presentation
340.769 R	Prof Epi Methds				
340.770 R	PH Surveillance				
550.600 R	Responsible Conduct of Rsrch				
550.860 R	Academic & Rsrch Ethics at JHSPH				

8. Use formative research data to design the content of a behavioral or community intervention.

224.692 P	Form Rsrch Behav & Comm Interv	X	Course Work/Exams
224.820 R	Thesis Rsrch: SBI	X	Seminars
		X	Written Comprehensive/Qualifying Exam
		X	Department Preliminary Orals
		X	School-wide Preliminary Orals
		X	Doctoral Research & Thesis
		X	Preparing a scholarly project proposal
			Teaching (TA, Course Lecturer, Course Instructor)
		X	Final Defense
		X	Public Thesis Presentation

9. Analyze data in terms of policy implications and public health significance of the findings.

140.621 R	Stats Methds in PH I	340.601 R	Princ of Epi	X	Course Work/Exams
140.622 R	Stats Methds in PH II	340.608 R	Obs Epi		Seminars
140.623 R	Stats Methds in PH III	340.751 R	Epi Methds 1	X	Written Comprehensive/Qualifying Exam
140.624 R	Stats Methds in PH IV	340.752 R	Epi Methds 2		Department Preliminary Orals
140.651 R	Methds in Biostats I	340.753 R	Epi Methds 3		School-wide Preliminary Orals
140.652 R	Methds in Biostats II	340.769 R	Prof Epi Methds	X	Doctoral Research & Thesis
140.653 R	Methds in Biostats III	340.770 R	PH Surveillance		Preparing a scholarly project proposal
140.654 R	Methds in Biostats IV	410.612 R	Soc Perspectives on Hlth	X	Teaching (TA, Course Lecturer, Course Instructor)
140.658 R	Stats for Psych Soc Rsrch: Models	410.654 R	Hlth Comm Progs I: Plan & Strat Des	X	Final Defense
224.689 R	Hlth Behav Chnge Levels	410.655 R	Hlth Comm Progs II: Impl & Eval	X	Public Thesis Presentation
224.690 P	Qual Rsrch I: Theory & Methds				
224.691 P	Qual Rsrch II: Data Analysis				
224.820 R	Thesis Rsrch: SBI				
330.657 R	Stats for Psych Soc Rsrch: Meas				

10. Communicate effectively through oral presentations and written materials like publishable manuscripts, with the scientific community, researchers, policy makers and key stakeholders.

224.689 P	Hlth Behav Chnge Levels	X	Course Work/Exams
224.690 P	Qual Rsrch I: Theory & Methds		Seminars
224.691 P	Qual Rsrch II: Data Analysis		Written Comprehensive/Qualifying Exam
224.692 P	Form Rsrch Behav & Comm Interv	X	Department Preliminary Orals
224.820 R	Thesis Rsrch: SBI	X	School-wide Preliminary Orals
410.612 R	Soc Perspectives on Hlth		Doctoral Research & Thesis
		X	Preparing a scholarly project proposal
			Teaching (TA, Course Lecturer, Course Instructor)
			Final Defense
		X	Public Thesis Presentation

11. Place research findings in the context of existing knowledge, identify limitations, specify further areas for research, and analyze the policy implications and public health significance of the findings.

[224.820](#) R Thesis Rsrch: SBI
[224.840](#) R SS/R SBI

- Course Work/Exams
- Seminars
- Written Comprehensive/Qualifying Exam
- X Department Preliminary Orals
- X School-wide Preliminary Orals
- X Doctoral Research & Thesis
- X Preparing a scholarly project proposal
- Teaching (TA, Course Lecturer, Course Instructor)
- X Final Defense
- X Public Thesis Presentation