HARVARD T.H. CHAN | SCHOOL OF PUBLIC HEALTH
Department of Epidemiology

Interdisciplinary Concentration in Infectious Disease Epidemiology

Concentration Plan Form

(updated February 3, 2021)

Date: _____

Student Name		HUID	
Email		Semester Matriculated	
Department		Graduating Semester	
Degree Program		Name of Advisor	

Please complete all sections. Your course plan may be revised at any time, but must fulfill the concentration requirements and total at least 15 credits. ***This form should be completed twice during your program:*** Once during the first term of concentration participation, and a second time in your graduating term, accompanied by an unofficial transcript.

Return this form to Jeffrey Noyes in Kresge 901, or email to IDEpi@hsph.harvard.edu

As you complete the following section, please keep in mind that the classes listed may not be offered every year. Please plan accordingly. To check on exactly when each course on this Concentration Plan form is being offered, please visit https://www.hsph.harvard.edu/registrar/courses-schedules/.

CORE COURSES

Students must select at least 5 credits from the list of Core Courses below.

Course Number	Course Title	Normally offered in:	Credits	Semester planned	Grade
EPI 255	Epidemiology of HIV, Part 1: Etiology, natural history and transmission	Spring	2.5		
EPI 256	Epidemiology of HIV, Part 2: Design and conduct of therapeutic and prevention interventions	Spring	2.5		
EPI 260	Mathematical Modeling of Infectious Disease	Spring	2.5		
EPI 501	Dynamics of Infectious Diseases	Spring	2.5		
EPI 502	Biology and Epidemiology of Antibiotic Resistance	Winter	2.5		

ELECTIVES

Students must take 10 Elective credits. At least 5 credits must be from the list of Primary Electives. The remainder (if any) can be chosen from the list of Secondary Electives.

Primary Electives (courses shown in blue are Core Courses, but can be treated as Electives if Core requirements are already met)

Course Number	Course Title	Normally offered in:	Credits	Semester planned	Grade
BST 287	Public Health Surveillance *Course Retired*	Spring	2.5		
BST 516	Inferential Methods in Infectious Diseases *Course Retired*	Spring	2.5		
EPI 255	Epidemiology of HIV, Part 1: Etiology, natural history and transmission	Spring	2.5		
EPI 256	Epidemiology of HIV, Part 2: Design and conduct of therapeutic and prevention interventions	Spring	2.5		
EPI 260	Mathematical Modeling of Infectious Diseases	Spring	2.5		
EPI 501	Dynamics of Infectious Diseases	Spring	2.5		
EPI 502	Biology and Epidemiology of Antibiotic Resistance	Winter	2.5		
EPI 519	Evolutionary Epidemiology of Infectious Diseases	Fall	2.5		
EPI 523	Investigating Outbreaks	Fall	1.25		
GHP 255	HIV Interventions: Rationale, Design, and Evaluation	Fall	2.5		
GHP 534	Introduction to Spatial Methods for Public Health	Spring	2.5		
GHP 539	Control of Infectious Diseases in Low/Mid Income Countries: Social, Political & Economic Dimensions	Fall	2.5		
ID 271	Advanced Regression for Environmental Epidemiology	Spring	2.5		
ID 503	Global Epidemiology of Vaccines and Vaccination	Spring	2.5		
IID 201	Ecology, epidemiology, and control of important parasitic diseases of developing areas	Fall	2.5		
IID 208	Immunology of infectious diseases *Course Retired*	Spring	5.0		
IID 228	Combatting infectious diseases in the developing world *Course Retired*	Spring	2.5		
IID 232	Vector-borne and Zoonotic infectious Disease	Summer	2.5		
IID 233	Water and Food Transmission of Infectious Disease	Summer	2.5		

Secondary Electives

Course Number	Course Title	Normally offered in:	Credits	Semester planned	Grade
BST 249	Bayesian statistics in biostatistics	Fall	5.0		
BST 267	Introduction to Social and Biological Networks	Fall	2.5		
BST 512	Introduction to Computational Biology and Bioinformatics *Course Retired*	Spring	5.0		
BST 513	Advanced Computational Biology & Bioinformatics *Course Retired*	Fall	5.0		
EH 223	Advanced respiratory physiology	Fall	5.0		
EH 253	Ventilation and indoor air quality	Spring	2.5		
EH 256	Introduction to aerobiology	Fall	2.5		
EH 278	Human health and global environmental change	Spring	2.5/5.0		
EPI 512	Developing methods for teaching complex concepts in ID control	Winter	1.25		
GHP 253	Human Ecology *Course Retired*	Fall	2.5		
ID 217	Nutrition and Global Health (formerly NUT210, Nutritional Problems of Less-Developed Countries	Spring	2.5		
IID 202	Tuberculosis: the host, the organism, and the global threat	Spring	2.5		
IID 204	Survey of Immunology *Course Retired*	Spring	1.25		
IID 206	Principles of public health entomology / Biology & Control of Insect Vectors of Human Health	Summer	2.5		
IID 207	Infectious Disease Outbreaks of the 20th and 21st Centuries: Strategies for Investigation and Control	Spring	2.5		
IID 231	Introduction to computational genomics for infectious disease (taught on MIT campus)	Fall	5.0		
RDS 280	Decision analysis for health and medical practices	Fall	2.5		
SEAS 103	Engineering Sciences 103: Spatial analysis of environmental and social systems (taught at School of Engineering and Applied Sciences) *Course Retired*	Spring	2.5		
SEAS 141	Applied Mathematics 141: Mathematical Modeling of Cancer (taught at School of Engineering and Applied Sciences)	Spring	2.5		

For Office Use:
Concentration Completion: ☐ Approved ☐ Not Approved Reviewed by: _____ Date: _____