

HDGH Advisement Sheet- Infectious Diseases (ID) Concentration
 - Total: 42 Credits



Name:	ID:	Certificate:	Notes:
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Core Requirements (14 Credits)

Class #	Credits	Semester	Class Title	Notes
PUBH courses involve mostly self-administered, self-paced activities outside of the classroom with very minimal in class requirements				
PUBH 500	0	Fall 1	Introduction to Public Health	
PUBH 501	0	Fall 1	Inter-Professional Team Training	
PUBH 502	0	Spring 1	Public Health Development	
RSPH courses				
BIOS 500/L	4	Fall 1	Statistical Methods I and Lab	
BSHES 500	2	Fall/Spring	Behavioral and Social Sciences for Public Health	
EPI 530/L	4	Fall 1	Epidemiological Methods I and Lab	
EH 500	2	Fall/Spring	Perspectives in Environmental Health	
HPM 500	2	Fall/Spring	Intro to U.S. Health Care Systems	

HDGH Core Requirements (7 Credits)

Class #	Credits	Semester	Class Title	Notes
GH 501	3	Fall 1	Evidence Based Policies, Programs & Research	
GH 595	0	Spring 2	Applied Practice Experience	
GH 599R	4	Spring 2	Integrated Learning Experience/Thesis	

ID Concentration Requirements: 2 courses (5 credits)

Class #	Credits	Semester	Class Title	Notes
GH 511	2	Spring	International Infectious Diseases	
GH 515/EPI 515	3	Fall	Transforming Public Health Surveillance	

Methods Requirements (9 credits minimum): 2 PARTS

Part 1. Choose at least one course from the list below:

Class #	Credits	Semester	Class Title	Notes
GH 503	3	Spring	Quantitative Data Collection	
GH 522	3	Fall/Spring	Qualitative Methods for Research in Global Health	
GH 560	3	Fall/Spring	Monitoring & Evaluation of Global Public Health Programs	

Part 2. Additionally: choose a minimum of 6 credits of approved methods coursework from the GH Approved Skill-Based Methods Courses Guide (see Appendix).

ELECTIVES COURSES

Students in Global Health have the flexibility to take elective courses at Rollins or in some cases, from other graduate programs within Emory University.

For a complete list of courses offered at Rollins please check here: <https://www.sph.emory.edu/academics/courses/index.html>

For electives outside of Rollins please check here: <https://atlas.emory.edu/>

1st Year Fall (11-15 credits suggested)

Class #	Class Title	Credits
PUBH 500	Introduction to Public Health	0
PUBH 501	Inter-Professional Team Training	0
BIOS 500/L	Statistical Methods I	4
EPI 530/L	Epidemiological Methods I	4
GH 501	Evidence Based Policies Programs and Research	3

1st Year Spring (15-17 credits suggested):

Class #	Class Title	Credits
PUBH 502	Public Health Development	0

SUMMER APE (MAY _ AUGUST)

2nd Year Fall (13-15 credits suggested)

Class #	Class Title	Credits
GH 515/EPI 515	Transforming Public Health Surveillance	3

2nd Year Spring (9-11 credits suggested)

Class #	Class Title	Credits
GH 595	Applied Practice Experience	0
GH 599R	Thesis/Integrative Learning Experience	4

ID CHECKLIST:
 Core: BIOS 500 EPI 530 BSHE 500 EH 500 HPM 500 PUBH 500 PUBH 501 PUBH 502
 Department: GH 501
 Methods: GH 503 or GH 522 or GH 560 (3 credits) Additional Methods (6 credits: _____)
 GH 595 Applied Practice Experience (enroll) plus APE portal completion _____ GH 599R Thesis 4 credits

ID Requirements:
 GH 511 _____ GH 515 _____

Total credits: _____

Appendix- GH Approved Methods Courses

GH Approved Skill Based Methods Course Guide

Class #	Credits	Semester	Class Title	Notes
GH 502	2	Fall	Introduction to Quantitative Data Collection	
GH 503	3	Spring	Quantitative Data Collection	1 of the 3 choices of "methods courses" students can take to fulfill Part 1 of the Methods Requirements - <i>Courses taken to fulfill PART 1 cannot count towards PART 2 of the Methods Requirements.</i>
GH 509	2	Spring	Translation and Implementation Science	
GH 510	2	Spring	Epidemiological Methods in Humanitarian Emergencies	
GH 513	3	Spring/Fall	Community Based Participatory Action Research	
GH 514	2	Spring	Social and Behavior Change Communication	
GH 517/EPI 517	2	Fall	Case Studies of Infectious Disease Epidemiology	
GH 521	3	Fall	Program Management	
GH 522	3	Spring/Fall	Qualitative Methods for Research in Global Health	1 of the 3 choices of "methods courses" students can take to fulfill Part 1 of the Methods Requirements - <i>Courses taken to fulfill PART 1 cannot count towards PART 2 of the Methods Requirements.</i>
GH 523	3	Fall 2	Quantitative Data Analysis	
GH 524	2	Spring	Health Systems Performance and Financing: Methods and Evidence	
GH 525	3	Fall	Qualitative Data Analysis	Pre-req: GH 522
GH 529	2	Fall	Water and Sanitation in Developing Countries	
GH 530	2	Spring	GEMMA Seminar	
GH 535/EPI 531	2	Spring	Field Epidemiology	
GH 543	2	Spring/Fall	Fundamentals of Qualitative Data Analysis	Pre-req: GH 522 or Instructor permission
GH 544	2	Fall	Field Trials and Intervention Studies	
GH 545	3	Spring	Nutritional Assessment	
GH 555	2	Spring	Proposal Development	
GH 560	3	Fall/Spring	Monitoring & Evaluation of Global Public Health Programs	1 of the 3 choices of "methods courses" students can take to fulfill Part 1 of the Methods Requirements - <i>Courses taken to fulfill PART 1 cannot count towards PART 2 of the Methods Requirements.</i>
GH 568	3	Spring (alternating years- next offered in Spring 2024)	Community Engaged Food Security	
GH 569	2	Fall	Population Dynamics, International Development and Health	
GH 586	3	Fall	Community Health Assessment	Pre-req's: GH 503 , GH 522 , GH 525 , or GH 543 .
BIOS 501	4	Spring	Statistical Methods II	
BIOS 502	4	Fall	Statistical Methods III	Pre-req: BIOS 500 and 501
BIOS 522	2	Fall	Survival Analysis Methods	Pre-req: BIOS 508, BIOS 509, BIOS 512, and BIOS 513 or instructor permission
BIOS 544	2	Fall	Introduction to R	Pre-req: BIOS 500 and BIOS 501
BIOS 550	2	Spring	Sampling Applications	Pre-req: BIOS 501 or BIOS 506
EH 515	2	Spring (alternating years) (Next Offering)	Air Quality in the Urban Environment: A Survey of Research Methods and Recent Findings	
EH 524	2	Fall	Risk Assessment	
EH 527	2	Spring	Biomarkers and Environmental Public Health	
EH 530	2	Spring	Environmental and Occupational Epidemiology	
EH 548	3	Spring	Research Methods for Studies of Water and Health	
EHS 747/ EPI 747	2	Fall	Advanced Environmental Epidemiology	Pre-req: EPI 530, BIOS 500, BIOS 501; Preferred: EPI 539, 540 or 545 or instructor permission

EHS 750	3	Spring	Environmental Determinants of Infectious Disease	
EHS 760	2	Spring	Advanced Risk Assessment	Pre-req: EH 524
EPI 533	1	Spring	Programming in SAS	7-week first session
EPI 536	2	Fall	Applied Data Analysis	Pre-req's: Epi 530, BIOS 500, and EPI 534 or BIOS 501
EPI 565	2	Spring	Data Sources and Methods for MCH EPI	Pre-req's: EPI 530, BIOS 500 and knowledge of SAS
EPI 591L	2	Fall	Methods in Nutrition Epidemiology	Pre-req's: EPI 530 and EPI 534 or instructor permission
EPI 591S	2	Spring	Social Epidemiology	Pre-req: EPI 530
HPM 510	3	Fall	Financial and Managerial Accounting for Health Care	
HPM 522	4	Spring	Economic Evaluation of Health Care Programs	Pre-req's: HPM 500 and HPM 521
INFO 521	3	Fall/Spring	Databases Using SQL	Pre-req: BIOS 500
INFO 530	2	Fall/Spring	Introduction to Geographic Information Systems	
INFO 532	4	Fall/Spring	Advanced Geographic Information Systems	Pre-req: INFO 530 or instructor permission
INFO 550	2	Fall	Data Science Toolkit	Pre-req's: BIOS 544 or BIOS 545 and R programming experience or instructor permission

Suggested Electives for Students in ID (not required)				
Class #	Credits	Semester	Class Title	Notes
GH 512	2	Spring	Health in Humanitarian Emergencies	
GH 516	2	Fall	Global Perspectives in Parasitic Disease	
GH 517/EPI 517	2	Fall	Case Studies in Infectious Diseases	
GH 518/EPI 562	2	Spring	Emerging Infectious Diseases	Pre-req: EPI 530
GH 522	3	Spring/Fall	Qualitative Methods for Research in Global Health	
GH 525	3	Fall	Qualitative Data Analysis	
GH 529	2	Fall	Water and Sanitation in Developing Countries	
GH 533	1	Fall	Preparedness and Planning in Humanitarian Emergencies	
GH 535/EPI 531	3	Spring	Field Epidemiology	
GH 536	3	Spring	Religion and Health in Context: HIV	
GH 543	2	Fall/Spring	Fundamentals of Qualitative Data Analysis	
GH 544	2	Fall	Field Trials and Intervention Studies	
GH 550/EPI 532	2	Spring	Epidemiology and Dynamics of STD 's	
GH 558/EPI 558	2	Spring	Global Issues in Antimicrobial Resistance	
GH 562/EPI 542	1	Spring	Epidemiology of Tuberculosis	Pre-req: EPI 530
GH 563	2	Fall	AIDS: Global Public Health Interventions	
GH 566/EPI 566	2	Spring	Immunization Programs and Policies	Pre-req: EPI 530
GH 571	2	Fall	Vaccines and Vaccine Preventable Diseases	
GH 574	2	Spring	Malaria Prevention, Control, and Treatment	
GH 580	2	Spring	Control of Food and Waterborne Diseases	
GH 582/EH 582	2	Fall	Global Climate Change: Health Impacts and Response	
EH 583	4	Spring	Spatial Analysis in Disease Ecology	Pre-req: at least one GIS class
EHS 750	3	Spring	Environmental Determinants of Infectious Disease	
EPI 541	2	Spring	Hospital/Healthcare Epidemiology	Pre-req's: EPI 530 and BIOS 500
EPI 544	1	Fall	Epidemiology of Foodborne and Diarrheal Disease	Pre-req: EPI 530
EPI 546	2	Spring	HIV Epidemiology	Pre-req's: EPI 530 and BIOS 500 or instructor permission
EPI 562/GH 518	2	Spring	Emerging Infectious Disease	Pre-req's: EPI 530 or instructor permission
EPI 564 /GH 564	2	Fall	Public Health Preparedness and Bioterrorism	
EPI 569	3	Fall	Concepts and Methods in Infectious Disease Epidemiology	Pre-req's: EPI 517, EPI 530, and EPI 540 or instructor permission
EPI 570	3	Spring	Infectious Disease Dynamics: Theory and Models	Pre-req: Knowledge of R