

HDGH Advisement Sheet- Public Health Nutrition (PHN) Concentration

- Total: 42 Credits

<b>Name:</b>	<b>ID:</b>	<b>Certificate:</b>	<b>Notes:</b>
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**Core Requirements (14 Credits)**

Class #	Credits	Semester	Class Title	Notes
<b>PUBH courses involve mostly self-administered, self-paced activities outside of the classroom with very minimal in class requirements</b>				
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 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	

**PHN Concentration Requirements: 3 courses (9-7 credits)**

GH 545 is a core required course for all PHN students.

Class #	Credits	Semester	Class Title	Notes
GH 545	3	Spring	Nutritional Assessment	

Choose at least one course from the Life Course Nutrition group below:

Class #	Credits	Semester	Class Title	Notes
GH 534	2	Spring	Diabetes: A Model for Non-communicable Dis. Prevention and Control	
GH 546	3	Spring	Maternal and Child Nutrition	
GH 551	2	Fall	Diet and Chronic Disease	
GH 552	2	Fall	Global Elimination of Micronutrient Malnutrition	
GH 579	3	Spring	Chronic Diseases Prevention and Control	

Choose at least one course from the Research & Program Methods group below:

Class #	Credits	Semester	Class Title	Notes
GH 567	2	Alternating Spring - 2023	Shaping a Healthy Global Food System through Policy	
GH 568	3	Alternating Spring - 2024	Community Engaged Food Security $\Delta$	$\Delta$ courses taken to fulfill concentration requirements cannot count towards Methods Requirements.
EPI 537	2	Fall	Epidemiology of Chronic Diseases	
EPI 591L	2	Fall	Methods in Nutrition Epidemiology	

**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	



<b>GH 513</b>	<b>3</b>	Spring/Fall	Community Based Participatory Action Research	
<b>GH 514</b>	<b>2</b>	Spring	Social and Behavior Change Communication	
<b>GH 517/EPI 517</b>	<b>2</b>	Fall	Case Studies of Infectious Disease Epidemiology	
<b>GH 521</b>	<b>3</b>	Fall	Program Management	
<b>GH 522</b>	<b>3</b>	Spring/Fall	Qualitative Methods for Research in Global Health	1 of the 3 choices of "methods courses" students can take to fulfill <b>Part 1 of the Methods Requirements</b> - <i>Courses taken to fulfill PART 1 cannot count towards PART 2 of the Methods Requirements.</i>
<b>GH 523</b>	<b>3</b>	Fall 2	Quantitative Data Analysis	
<b>GH 524</b>	<b>2</b>	Spring	Health Systems Performance and Financing: Methods and Evidence	
<b>GH 525</b>	<b>3</b>	Fall	Qualitative Data Analysis	Pre-req: GH 522
<b>GH 529</b>	<b>2</b>	Fall	Water and Sanitation in Developing Countries	
<b>GH 530</b>	<b>2</b>	Spring	GEMMA Seminar	
<b>GH 535/EPI 531</b>	<b>2</b>	Spring	Field Epidemiology	
<b>GH 543</b>	<b>2</b>	Spring/Fall	Fundamentals of Qualitative Data Analysis	Pre-req: GH 522 or Instructor permission
<b>GH 544</b>	<b>2</b>	Fall	Field Trials and Intervention Studies	
<b>GH 545</b>	<b>3</b>	Spring	Nutritional Assessment	
<b>GH 555</b>	<b>2</b>	Spring	Proposal Development	
<b>GH 560</b>	<b>3</b>	Fall/Spring	Monitoring & Evaluation of Global Public Health Programs	1 of the 3 choices of "methods courses" students can take to fulfill <b>Part 1 of the Methods Requirements</b> - <i>Courses taken to fulfill PART 1 cannot count towards PART 2 of the Methods Requirements.</i>
<b>GH 568</b>	<b>3</b>	Spring (alternating years- next offered in Spring 2024)	Community Engaged Food Security	
<b>GH 569</b>	<b>2</b>	Fall	Population Dynamics, International Development and Health	
<b>GH 586</b>	<b>3</b>	Fall	Community Health Assessment	Pre-req's: <a href="#">GH 503</a> , <a href="#">GH 522</a> , <a href="#">GH 525</a> , or <a href="#">GH 543</a> .
<b>BIOS 501</b>	<b>4</b>	Spring	Statistical Methods II	
<b>BIOS 502</b>	<b>4</b>	Fall	Statistical Methods III	Pre-req: BIOS 500 and 501
<b>BIOS 522</b>	<b>2</b>	Fall	Survival Analysis Methods	Pre-req: BIOS 508, BIOS 509, BIOS 512, and BIOS 513 or instructor permission
<b>BIOS 544</b>	<b>2</b>	Fall	Introduction to R	Pre-req: BIOS 500 and BIOS 501
<b>BIOS 550</b>	<b>2</b>	Spring	Sampling Applications	Pre-req: BIOS 501 or BIOS 506
<b>EH 515</b>	<b>2</b>	Spring (alternating years) (Next Offering)	Air Quality in the Urban Environment: A Survey of Research Methods and Recent Findings	
<b>EH 524</b>	<b>2</b>	Fall	Risk Assessment	
<b>EH 527</b>	<b>2</b>	Spring	Biomarkers and Environmental Public Health	
<b>EH 530</b>	<b>2</b>	Spring	Environmental and Occupational Epidemiology	
<b>EH 548</b>	<b>3</b>	Spring	Research Methods for Studies of Water and Health	
<b>EHS 747/ EPI 747</b>	<b>2</b>	Fall	Advanced Environmental Epidemiology	Pre-req: EPI 530, BIOS 500, BIOS 501; Preferred: EPI 539, 540 or 545 or instructor permission
<b>EHS 750</b>	<b>3</b>	Spring	Environmental Determinants of Infectious Disease	
<b>EHS 760</b>	<b>2</b>	Spring	Advanced Risk Assessment	Pre-req: EH 524
<b>EPI 533</b>	<b>1</b>	Spring	Programming in SAS	7-week first session
<b>EPI 536</b>	<b>2</b>	Fall	Applied Data Analysis	Pre-req's: Epi 530, BIOS 500, and EPI 534 or BIOS 501
<b>EPI 565</b>	<b>2</b>	Spring	Data Sources and Methods for MCH EPI	Pre-req's: EPI 530, BIOS 500 and knowledge of SAS
<b>EPI 591L</b>	<b>2</b>	Fall	Methods in Nutrition Epidemiology	Pre-req's: EPI 530 and EPI 534 or instructor permission
<b>EPI 591S</b>	<b>2</b>	Spring	Social Epidemiology	Pre-req: EPI 530
<b>HPM 510</b>	<b>3</b>	Fall	Financial and Managerial Accounting for Health Care	
<b>HPM 522</b>	<b>4</b>	Spring	Economic Evaluation of Health Care Programs	Pre-req's: HPM 500 and HPM 521
<b>INFO 521</b>	<b>3</b>	Fall/Spring	Databases Using SQL	Pre-req: BIOS 500
<b>INFO 530</b>	<b>2</b>	Fall/Spring	Introduction to Geographic Information Systems	
<b>INFO 532</b>	<b>4</b>	Fall/Spring	Advanced Geographic Information Systems	Pre-req: INFO 530 or instructor permission
<b>INFO 550</b>	<b>2</b>	Fall	Data Science Toolkit	Pre-req's: BIOS 544 or BIOS 545 and R programming experience or instructor permission

Suggested Life Course Nutrition Electives for Students in PHN (not required)				
Class #	Credits	Semester	Class Title	Notes
GH 538	1	Fall	Food and Nutrition in Humanitarian Emergencies	
GH 548	6	Fall	Human Nutrition I	Prerequisites: one year of biology and organic chemistry and permission of instructor.
GH 549	6	Spring	Human Nutrition II	Prerequisites: chemistry, undergraduate biology, and permission of instructor.
Suggested Research/Program Methods Electives for Students in PHN (not required)				
GH 502	2	Fall Break	Introduction to Quantitative Data Collection	
GH 503	3	Spring	Quantitative Data Collection	One of the 3 choices of "methods courses" students can take to fulfill <b>Part 1 of the Methods Requirements</b> - <i>Courses taken to fulfill PART 1 cannot count towards PART 2 of the Methods Requirements.</i>
GH 514	2	Spring	Social and Behavior Change Communication	
GH 515	3	Fall	Transforming Public Health Surveillance	
GH 522	3	Fall/Spring	Qualitative Methods for Research in Global Health	One of the 3 choices of "methods courses" students can take to fulfill <b>Part 1 of the Methods Requirements</b> - <i>Courses taken to fulfill PART 1 cannot count towards PART 2 of the Methods Requirements.</i>
GH 523	3	Fall	Quantitative Data Analysis	<a href="#">EPI 530</a> and <a href="#">BIOS 500</a> . <a href="#">EPI 531</a> , <a href="#">BIOS 501</a> , and <a href="#">GH 503</a> strongly recommended.
GH 525	3	Fall	Qualitative Data Analysis	Pre-req: GH 522 or equivalent
GH 543	2	Fall/Spring	Fundamentals of Qualitative Data Analysis	Pre-req: GH 522 or Instructor Permission
GH 555	2	Spring	Proposal Development	
GH 560	3	Fall/Spring	Monitoring & Evaluation of Global Public Health Programs	One of the 3 choices of "methods courses" students can take to fulfill <b>Part 1 of the Methods Requirements</b> - <i>Courses taken to fulfill PART 1 cannot count towards PART 2 of the Methods Requirements.</i>
GH 580	2	J Term	Control of Food and Waterborne Diseases	
EPI 544	1	Fall	Epidemiology of Foodborne and Diarrheal Diseases	Prerequisite of EPI 530
EPI 561	2	Fall/Spring	Obesity Epidemiology	