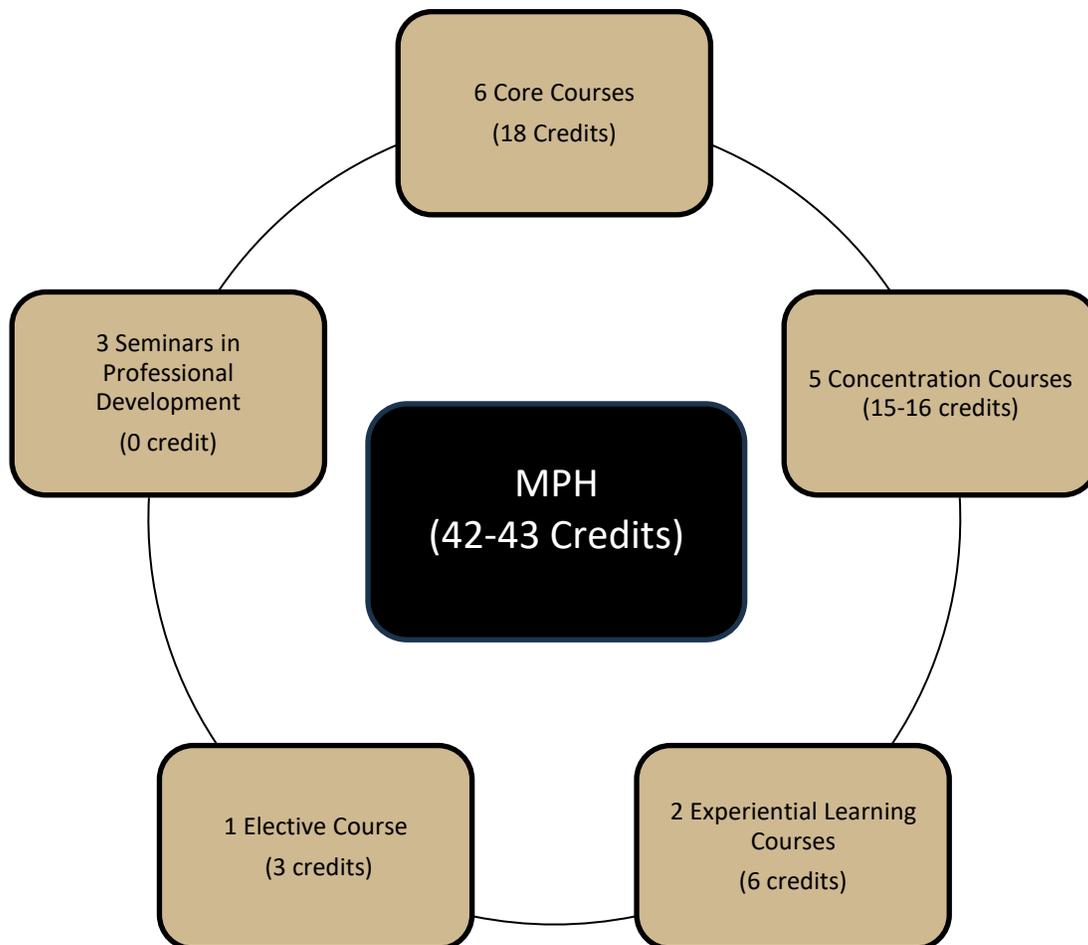


MASTER OF PUBLIC HEALTH

CURRICULUM OVERVIEW

CURRICULUM OVERVIEW



42-43 Total Credits:

- **6 Core Courses (18 credits)**
- **5 Concentration Courses (15-16 credits)**
- **1 Elective Course (3 credits)**
- **2 Experiential Learning Courses (6 credits)**
- **3 Semesters of Professional Development Seminar (0 credits, PUBH 600)**

CORE COURSES (18 CREDITS)

Course #	Title	Competencies	Credits
PUBH 601	Introduction to Quantitative Methods of Public Health (Every Fall)	3, 4	3
PUBH 602	Theoretical Foundations of Health Behavior (Every Fall)	6, 8, 20	3
HSCI 547	Fundamentals of Epidemiology (Every Fall)	1	3
PUBH 604	Public Health Administration (Every Spring)	5, 7, 10, 12, 14, 16, 17	3
HSCI 575	Introduction to Environmental Health (Every Spring)	15, 22	3
PUBH 606	Design and Analysis of Public Health Interventions (Every Spring)	2, 9, 11, 13, 18, 19	3

EXPERIENTIAL LEARNING & PROFESSIONAL DEVELOPMENT COURSES (6 CREDITS)

Course #	Title	Competencies	Credits
PUBH 600	Public Health Professional Development Seminar	1, 3, 21	0
PUBH 607	Public Health Practicum	Select 5 – at least 3 from core competencies (based on your project)	3
PUBH 608	Culminating Experience	Assigned 5 competencies by the instructor	3

* Must complete 3 seminar courses throughout the program

FAMILY AND COMMUNITY HEALTH CONCENTRATION COURSES (15 TOTAL CREDITS)

REQUIRED (9 CREDITS)

Course #	Title	Competencies	Credits
PUBH 547	Public Health Program and Policy Evaluation	2,3	3
PUBH 590	Health Counseling	5	3
PUBH 546 OR HDFS 600 OR PUBH 501	Child and Family Health Policy Families and Health Health Equity	1	3
PUBH 501 OR PUBH 511	Introduction to Health Equity Foundations of Global Health	4	3

SELECTIVES (3 CREDITS)

Course #	Title	Credits
ASM 540/ILS 595	Geographic Information Systems (Fall)	3
COM 576/478	Health Communication OR Health Communication Campaigns (Spring)	3
HDFS 590	Research in Human Development and Family Studies*	Variable
HDFS 600	Families and Health (Spring)	3
NUR 67800	Health Economics and Finance (Fall/Spring)	3
NUR 69060	Innovative Care/Innovations in Healthcare Delivery (Fall)	3
NUTR 541	Food Policy (Fall)	3
POL 620	Pro-seminar: Public Policy (Fall/Spring)	3
PUBH 511	Foundations of Global Health (Fall)	3
PUBH 545	Healthcare Administration and Policy (Fall)	3
PUBH 590HC	Health Counseling (Fall)	3
PUBH 590	Qualitative Methods	3
PUBH 590SRMA	Systematic Review and Meta-Analysis (summer)	3
PUBH 695	Public Health Independent Research or Study*	Variable
SOC 611	Social Inequality: Class, Race, and Gender (Fall)	3
SOC 674	Seminar in Medical Sociology (Spring)	3

*Students wanting to participate in research or study must have approval from a faculty mentor in the department before registering.

BIostatistics Concentration Courses (16 Credits Total)

REQUIRED (13 Credits)

Course #	Title	Competencies	Credits
PUBH 590	Applied Regression (<i>spring</i>)		3
PUBH 590	Applied Regression Lab (<i>spring</i>)		1
STAT 506	Statistical Programming and Data Management (Summer, Fall, Spring)	1	3
PUBH 525/PUBH 590	Statistical Methods for Public Health Evaluation/Intermediate Statistical Methods for Health Science (<i>Spring</i>)	5	3
PUBH 526	Randomized Trials in Public Health (<i>Fall</i>)	2, 3, 4	3

SELECTIVES (3 Credits)

Course #	Title	Credits
ASM 540/ILS 595	Geographic Information Systems Application (<i>Fall</i>)/GIS	3
CPB 625	Clinical Biostatistics (<i>Spring</i>)	2
CPB 626	Design and Analysis of Epidemiologic Studies (<i>Fall</i>)	3
EDPS 607	Mixed Methods Research Designs and Application (<i>Spring</i>)	3
HSCI 520	Risk Assessment (<i>Spring of Even Years</i>)	3
NUR 692	Applied Healthcare Statistics (<i>Fall</i>)	Variable
PUBH 590SRMA	Systematic Review and Meta-Analysis	3
PUBH 590	Public Health Surveillance (<i>Spring</i>)	3
PUBH 695	Public Health Independent Research or Study*	Variable
SOC 681	Categorical Data Analysis	3
STAT 522	Sampling and Survey Techniques (<i>Spring</i>)	3
STAT 524	Applied Multivariate Analysis (<i>Fall</i>) (Pre-Req STAT 512)	3

*Students wanting to participate in research must have approval from a faculty mentor before registering.

EPIDEMIOLOGY CONCENTRATION COURSES (16 CREDITS TOTAL)

REQUIRED (13 CREDITS)

Course #	Title	Competencies	Credits
PUBH 590	Applied Regression (spring)	4	3
PUBH 590	Applied Regression Lab (spring)	4	1
PUBH 590	Social and Behavioral Epidemiology	3	3
PUBH 590	Public Health Surveillance (Spring)	1, 5	3
PUBH 526	Randomized Trials in Public Health (Fall)	2	3

* Substitutions may be approved on a case-by-case basis by faculty.

SELECTIVES (3 CREDITS)

Course #	Title	Credits
ASM 540/ILS 595	Geographic Information Systems Application	3
COM 576	Health Communication	3
COM 625	Survey design, analysis, and reporting for strategic communication	3
CPB 619	Design, Conduct, and Analysis of Clinical Trials	2
CPB 626	Design and Analysis of Epidemiologic Studies (Fall)	3
EDPS 507	Introduction to Telemental Health Assessment and Intervention	3
EDPS 607	Mixed Methods Research Designs and Application (Spring)	3
HSCI 520	Risk Assessment (Spring of Even Years)	3
HDFS 627	Multilevel Modeling	3
NUR 692	Applied Healthcare Statistics (Fall)	Variable
PUBH 590SRMA	Systematic Review and Meta-Analysis	3
PUBH 590	Intermediate Statistical Methods for Health Science (Spring)	3
PUBH 695	Public Health Independent Research or Study*	Variable
SOC 681	Categorical Data Analysis/Data Visualization/Experimental Design	3
STAT 506	Statistical Programming and Data Management	3
STAT 522	Sampling and Survey Techniques (Spring)	3
STAT 524	Applied Multivariate Analysis (Fall) (Pre-Req STAT 512)	3

*Students wanting to participate in research must have approval from a faculty mentor before registering.

ELECTIVES (3 CREDITS)

	#	Title	Credits
Biology	BIOL 533	Medical Microbiology (may have pre-reqs)	3
Entomology	ENTM 525	Medical and Veterinary Entomology	3
Food Science	FS 565	Microbial Foodborne Pathogens (may have pre-reqs)	3
Health Sciences	HSCI 544	Advanced Topics in Exposure Assessment (may have pre-reqs)	2
	HSCI 551	Physical Agents in Environmental Health (may have pre-reqs)	3
	HSCI 560	Toxicology	3
	HSCI 696	Graduate Seminar in Health Sciences	1
Public Health	PUBH 400	Human Diseases and Disorders	3
	PUBH 500	Introduction to Public Health	3
	PUBH 695	Public Health Independent Research or Study*	Variable

*Students wanting to participate in research must have approval from a faculty mentor before registering.

Students should review pre-requisite requirements and contact their advisor prior to enrolling.

**Other courses may be approved for elective credits, pending approval from departmental faculty.

Students may also fulfill elective requirements from courses listed in each concentration.