



Master of Public Health
2021-2022 Curriculum Guide

PURDUE
UNIVERSITY®

Department of Public Health

DEPARTMENT OF PUBLIC HEALTH

Matthews Hall

812 West State Street, Rm 223 West Lafayette, IN 47907

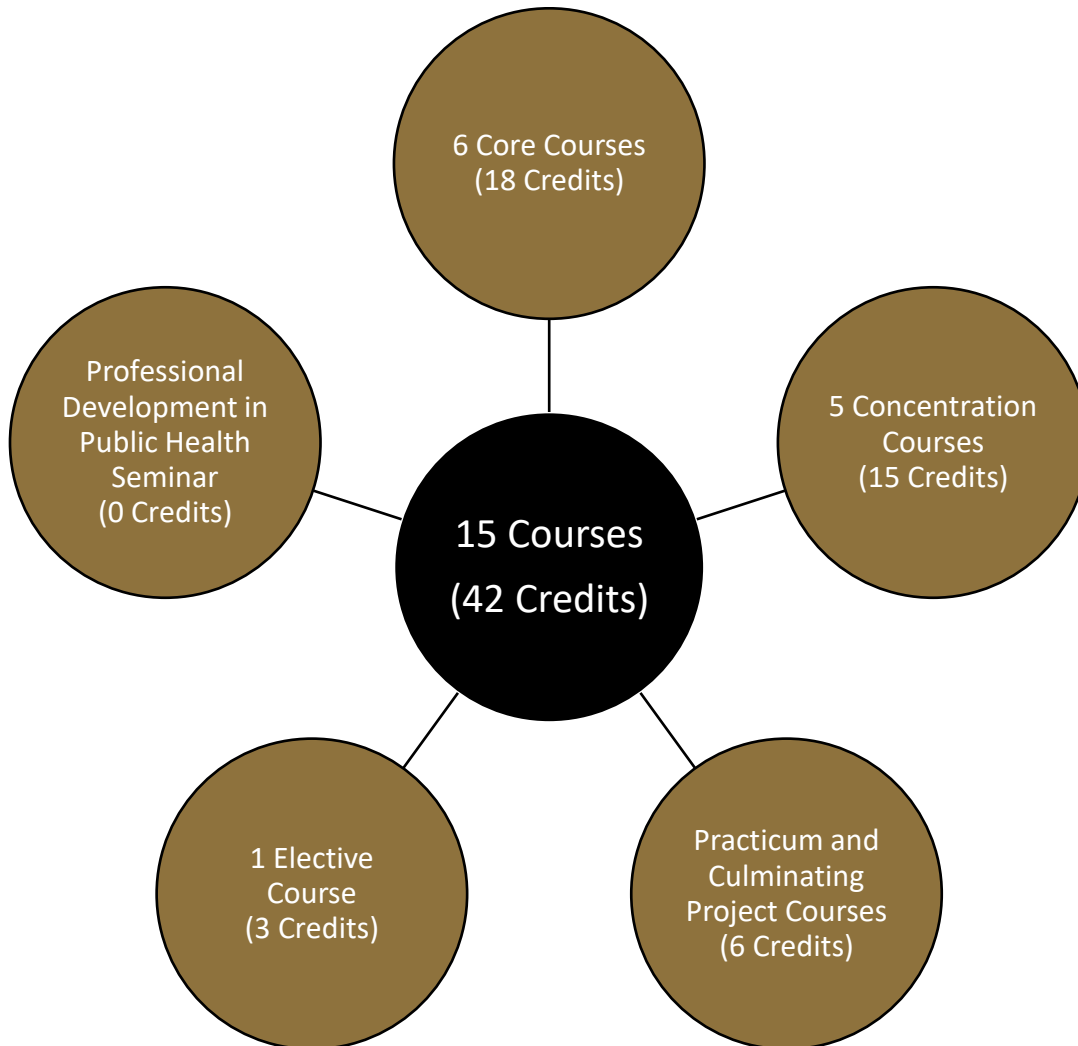
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MASTER OF PUBLIC HEALTH

Curriculum Overview



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Core Courses

Course #	Title	Competencies	Credits
PUBH 601	Introduction to Quantitative Methods of Public Health (Every Fall)	1, 2	3
PUBH 602	Theoretical Foundations of Health Behavior (Every Fall)	6, 8, 20	3
HSCI 547	Fundamentals of Epidemiology (Every Fall)	3, 4	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)	9, 11, 13, 18, 19, 21	3

Experiential Learning Courses

Course #	Title	Competencies	Credits
PUBH 607	Public Health Practicum	Select 10 – at least 3 from core competencies (based on your project)	3
PUBH 695	Culminating Project	Select 10 – at least 3 from core and 2 from concentration competencies (based on your grant)	3

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Family and Community Health – Concentration Courses

Course #	Title	Competencies	Credits
REQUIRED			
PUBH 547	Public Health Program and Policy Evaluation	2,3	3
PUBH 590	Health Counseling	5	3
PUBH 590 OR HDFS 590	Family and Child Health Policy OR* Families and Health	1,3 (family focus)	3
PUBH 511 OR PUBH 501	Foundations of Global Health OR* Introduction to Health Equity	1 (community focus), 4	3

*Students are required to take one of these courses, but may also take both to complete their concentration credits.

CONCENTRATION SELECTIVES – CHOOSE 3 CREDITS			
Brian Lamb School of Communications			
COM 576/478	Health Communication OR Health Communication Campaigns		3
COM 676	Special Topics in Health Communication**		3
Department of Human Development and Family Studies			
HDFS 590	Families and Health		3
HDFS 590	Research in Child Obesity		3
Department of Public Health			
PUBH 543	Physical Activity and Public Health		3
PUBH 590	Health Counseling		3
PUBH 590	Cancer in Public Health		3
PUBH 511	Introduction to Global Health		3
PUBH 590	Families and Child Health Policy		3
PUBH 590	Human Sexuality and Sexual Health		3
PUBH 590	Healthcare Administration and Policy		3
PUBH 695	Public Health Independent Research or Study		Variable
Department of Nutrition Science			
NUTR 532	World Food Problems		3
NUTR 590	Food Policy		3
School of Nursing			
NUR 67800	Health Economics and Finance		3
NUR 69060	Innovative Care/Innovations in Healthcare Delivery		3
Department of Political Science			
POL 524	Public Policy and the Family		3
POL 620	Pro-seminar: Public Policy		3
Department of Sociology			
SOC 611	Social Inequality: Class, Race, and Gender		3
SOC 674	Seminar in Medical Sociology**		3
Department of Agricultural Systems Management			
ASM 540	Geographic Information Systems		3

**The Brian Lamb School of Communications and Department of Sociology offer various courses related to public health each year. Once those are announced and approved, MPH students may consider taking these courses.

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HEALTH STATISTICS - CONCENTRATION COURSES

Course #	Title	Competencies	Credits
REQUIRED			
HDFS 590	Linear Regression <i>May substitute with STAT 512</i>		3/4
STAT 506	Statistical Programming and Data Management	1, 2	3
PUBH 525	Statistical Methods for Public Health Evaluation	3, 5	3
PUBH 590	Design and Analysis of Randomized Trials in Public Health	4	3

CONCENTRATION SELECTIVES – CHOOSE 3 CREDITS			
ASM 540	Geographic Information Systems Application		3
CPB 619	Design, Conduct, and Analysis of Clinical Trials		2
CPB 626	Design and Analysis of Epidemiologic Studies		3
EDPS 607	Mixed Methods Research Designs and Application		3
HSCI 520	Risk Assessment		3
PUBH 590	Advanced Epidemiology		3
PUBH 590	Epidemiology Modules 1&2 (repeatable up to 3 credits)		1
PUBH 694	Public Health Independent Research or Study		Variable
STAT 524	Applied Multivariate Analysis (Fall) (Pre-Req STAT 512)		3
STAT 522	Sampling and Survey Techniques (Spring)		3

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Electives (optional)

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

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

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

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