



BS Public Health Curriculum

All students will complete the foundational courses (57 credits), the Public Health core (42 credits) and the free electives (15 credits). Students also must complete one set of track courses (12 credits). The total number of credits required for the program is 126.

Foundational Courses: 57 Credit Hours

Humanities/Fine Arts/Communication (18 Credits)

HUM 101: Pre-Modern World (3) and HUM102: Modern World (3)

HUM 201: Contemporary World or equivalent (3) HUM 220 (Medical Humanities)

COM 101: Academic Reading and Writing or equivalent (3)

COM 120: Public Speaking (3)

PHI 145: Logic and Reasoning (3)

Social Sciences (12 credits)

SOC 101: Introduction to Sociology (3)

PSY 101: General Psychology (3)

ECN 101: Introductory Economics (3)

HIS 110: American Government or equivalent (3)

Basic Sciences (11 credits)

BIO 101: General Biology I & II (4, 4)

PBH 2XX Environmental Health (3) (NEW)

Quantitative Reasoning (11 credits)

MAT 121: Calculus I (4)

MAT 155: Statistics (3)

PBH 2XX Introduction to Data (4)

Professional Development (5 Credits)

BSS 102: Seminar in Health Professions (2)

HHS 401: Capstone (3)

Free Electives: 15 Credit Hours

Public Health Core: 42 Credit Hours

SOC 120: Intro to Public Health (3)

SOC 420: Health and Social Policy (3)

SOC 335: Global Health (3)

PAD 393: Epidemiology (3)

(NEW) PSY 321: Health Promotion (3) or Health Psychology (3)

ETH 310: Bioethics (3)

SOC 301: Research Methods (4)

PBH 435 Interdisciplinary Perspectives and Methods (2)

BIO 245 Biological Basis of Disease (3)*

Applied Biological Science Selective (3)*

One course chosen from BIO 260: Public Health Toxicology, BIO 213: Anatomy and Physiology I, BIO 215: Anatomy and Physiology II, BHS 360: Clinical Anatomy, PHM 334: Environmental Health, BIO 225: Genetics

Applied Research Methods Course (3)

One course chosen from COM 350 Qualitative Research Methods, PBH 360 Field Epidemiology, PBH 340 Survey Research Methods,

Health Care Systems Selective (3)

One course chosen from COM 320: Patient-Provider Communication, ECN 317: Health Economics, PAD 515: Pharmacoeconomics, PSY 440: Death and Dying, SOC 325:

Medical Sociology, HIS 330: History of Public Health and Medicine, PAD 451: US and Global Health Care Systems (3); additional courses approved by program director

*Students may substitute BIO 213 and BIO 215: Anatomy and Physiology I and II for Biological Basis of Disease and the Applied Biological Science Selective.

Tracks (choose 1 of the following tracks): 12 Credit Hours

Community Health Track

SOC 350 Disparities and Social Justice (3)

COM 315: Health Campaigns (3)

Culture and Health Selective (3)

One course chosen from COM 330: Intercultural Communication in Health Care, HUM 386: Culture, Customs and Health of Belize, HIS 325: History of the Plagues, SOC 330: Cultures of Disability or permission of program director

Critical Reflection Selective (3)

One course chosen from ETH 4XX Illness, Disease, and Authority, PSY 440: Death and Dying, SOC 325: Medical

Sociology, HIS 330: History of Public Health and Medicine

Health Analytics Track (12 Credits)

Advanced Methods Selective(3)

One course chosen from COM 350 Qualitative Research Methods, PBH 360 Field Epidemiology, PBH 340 Survey Research Methods

PAD 636: SAS Programming (3)

MAT 610: Statistical Inference and Modeling (3)

Data Intensive Selectives (3):

One course chosen from ECN 317: Health Economics (3) or PBH 3xx Visual Analytics or other approved data intensive course

Year 1						
Fall Semester			Credits	Spring Semester		Credits
HUM 101	Pre-Modern World		3	HUM 102	Modern World	3
BIO 101	General Biology I		4	BIO 102	General Biology II	4
COM 101	Academic Reading and Writing Or Equivalent		3	COM 120	Public Speaking	3
PSY 101	Psychology		3	SOC 101	Sociology	3
SOC 120	Intro to Public Health		3	ECN 101	Economics	3
BSS 102	Seminar in Health Professions		1			
	Total		17		Total	16

Year 2						
Fall Semester			Credits	Spring Semester		Credits
HUM 201 Or HUM 220	Contemporary World Or Medical Humanities		3	PHI 145	Logic and Reasoning	3
BIO 245	Biological Basis of Disease		3	PBH 2xx	Intro to Data	3
MAT 121	Calculus I		4		Applied Biological Science Selective [Multiple to Choose from]	3
HIS 110	American Government		3		Elective	3
	Elective		3	MAT 155	Statistics	3
	Total		16		Total	15

Year 3						
Fall Semester			Credits	Spring Semester		Credits
ETH 310	Bioethics		3	PBH 3XX	The Geography of Health	3
SOC 301	Research Methods		3	PBH 3xx	Applied Research Methods Selective [Multiple to Choose from]	3
ETH 3xx	Research Ethics Workshop		1	PBH 3xx	Environmental Health	3
BSS 302	Seminar in Health Professions		1	COM 312 or PSY 321	Health Promotion or Health Psychology	3
SOC 335	Global Health		3	SOC 350 MAT 315	TRACK COURSE 1 [Disparities and Social Justice] [SAS Programming]	3
	Elective		3	PAD 393	Epidemiology	3
	Total		14		Total	18

Year 4						
Fall Semester			Credits	Spring Semester		Credits
SOC 420	Health and Public Policy		3	HHS 401	Capstone	3
PBH 435	Interdisciplinary Perspectives on HC		2		Healthcare Systems Selective	3
COM 315 ECN 317	TRACK COURSE 2 [Health Campaigns] [Statistical Inference and Modeling]		3		TRACK COURSE 4 [Critical Reflection Selective] [Advanced Methods Selective]	3
	TRACK COURSE 3 [Culture and Health Selective] [Data Intensive Selective]		3		Elective	3
	Capstone or Elective		3	PBH 345	Community Health Practice	3
	Total		14		Total	15

Total Credits: 126