

PUBLIC HEALTH

B.S., Major in Public Health (43-49 Credits)

Program Director: Susan Walsh

Sponsoring Departments: Biology, Cultural and Social Studies, English, Mathematics, Nursing, Philosophy, Political Science and International Relations.

The Bachelor of Science in Public Health takes an interdisciplinary approach to looking at the health of populations and their communities. Driven by the social justice call of our Jesuit, Catholic Mission, this major will give students an opportunity to understand health trends, the interaction between environment and health outcomes, and health disparities that affect those in most need. Students will build a solid background in data analysis, biological constructs pertaining to disease, and the cultural aspects of health and public health worldwide. Students can add an additional six credit professional track concentration to the major.

Public Health Major - Requirements: (43 Credits)

Code	Title	Credits
Core Requirements		
Fundamentals (All Courses Required)		
ANT/HAP 317	Global Health: A Biosocial and Justice-Oriented Approach	3
HAP 350	The Essentials of Public Health	3
HAP 355	Essentials of Epidemiology	3
Microbiology (Choose 1 course) 4		
BIO 123	Microbiology for Health Professionals	
BIO 350	Fundamentals of Microbiology	
BIO 452 & BIO 453	Microbiology and Microbiology Laboratory	
Statistics (Choose 1 course) 3		
BIO 311	Biostatistics	
MTH 361	Probability and Statistics in the Health Sciences	
MTH 362	Statistical Modeling	
NUR 200	Statistical Reasoning	
PLS 310	Political Science Research Methods 2	
SOC 314	Statistics for the Social Sciences	
Health Disparities/Population Health (Choose 2 courses) 6		
ANT 113	Introduction to Anthropology: Social and Cultural Determinants of Health	
ANT 211	Medical Anthropology	
ANT/HAP 383	Cultural Epidemiology: Global Perspectives	
ANT 418	Healthcare, Society and Culture	
ANT 421	Public Health and Social Justice in Haiti	
PLS 436	Politics And Ethics Of Science And Technology	
NUR 366	Population Health I	
NUR 439	Population-Based Health Concepts II	
ANT/EVS 307	Demography: World Population Issues	
EVS/SOC 420	Environment & Society: Sociological Perspectives	
Human Health and Disease (Choose 1 course) 3		

ANT 422	Health, Disease, and Suffering in the Past and Present	
BIO 159	Human Biology	
BIO 432	Immunology	
BIO 449	Physiology	
EXS 320	Human Physiology	
Public Health Literature and History (Choose 2 courses)		6
ENG 229	Literature and Medicine	
ENG 376	Caring for the Poor: Poverty, Health Care, and the Novel	
HIS 176	Controversies in Science and Medicine (1900-1990)	
HIS 179	A History of (Un)natural Disasters	
HIS 277	Medicine in Africa and the African Diaspora	
HIS 372	Equality, Minorities, And Public Policy	
HIS 374	The Politics of Heredity: Eugenics in America	
HIS 476	Historiography of Science and Medicine	
Health Data, Policy and Management (Choose 2 courses)		6
CRJ/SOC 323	Crime, Victimization and Public Health	
HAP 200	Introduction To Healthcare Administration	
HAP 334	Public Policy And Health Care	
HAP/PLS 331	Public and Non-Profit Administration	
NUR 475	Professional Concepts III	
PLS 333	Environmental Politics And Policy	
PLS 435	Global Poverty and Development	
Healthcare Ethics (Choose 1 course)		3
HAP/JPS 416	Healthcare Ethics: Public Health, Administration, and Clinical Care	
PHL 404	Bioethics and Society	
PHL 425	Sciences, Ethics & Society	
PHL 456	Public Health Ethics	
Health Communication (Choose 1 course)		3
COM 364	Family Communication About Health and Well-Being	
COM 390	Health Communication	
COM 450	Communicating Health Narratives	
JRM 341	Public Relations Writing	
Total Credits		43

Public Health Major - Professional Track concentration Requirements: (49 Credits)

Students who choose the Professional Track Concentration will complete all requirements for the Public Health major, one additional course in the area of Data Curation, and a Capstone course.

Code	Title	Credits
CORE REQUIREMENTS		
Fundamentals (All Courses Required)		
ANT/HAP 317	Global Health: A Biosocial and Justice-Oriented Approach	3
HAP 350	The Essentials of Public Health	3
HAP 355	Essentials of Epidemiology	3
Microbiology (Choose 1 course) 4		
BIO 123	Microbiology for Health Professionals	

BIO 350	Fundamentals of Microbiology	COM 364	Family Communication About Health and Well-Being
BIO 452 & BIO 453	Microbiology and Microbiology Laboratory	COM 390	Health Communication
Statistics (Choose 1 course)		COM 450	Communicating Health Narratives
BIO 311	Biostatistics	JRM 341	Public Relations Writing
MTH 361	Probability and Statistics in the Health Sciences	Data Curation (Choose 1 course)	
MTH 362	Statistical Modeling	ANT/CRJ/ HAP/SWK 318	Applied Research: Assessment and Evaluation
NUR 200	Statistical Reasoning	DSC 365	Introduction to Data Science
PLS 310	Political Science Research Methods 2	Capstone (Choose 1 course)	
SOC 314	Statistics for the Social Sciences	HAP 410	Seminar In Health Administration
Health Disparities/Population Health (Choose 2 courses)		HAP 485	Internship In Health Administration And Policy
ANT 113	Introduction to Anthropology: Social and Cultural Determinants of Health	Total Credits	
ANT 211	Medical Anthropology	49	
PLS 436	Politics And Ethics Of Science And Technology		
ANT/HAP 383	Cultural Epidemiology: Global Perspectives		
NUR 366	Population Health I		
NUR 439	Population-Based Health Concepts II		
ANT/EVS 307	Demography: World Population Issues		
EVS/SOC 420	Environment & Society: Sociological Perspectives		
Human Health and Disease (Choose 1 course)			
ANT 422	Health, Disease, and Suffering in the Past and Present		
BIO 159	Human Biology		
BIO 432	Immunology		
BIO 449	Physiology		
EXS 320	Human Physiology		
Public Health Literature and History (choose 2 courses)			
ENG 229	Literature and Medicine		
ENG 376	Caring for the Poor: Poverty, Health Care, and the Novel		
HIS 176	Controversies in Science and Medicine (1900-1990)		
HIS 179	A History of (Un)natural Disasters		
HIS 277	Medicine in Africa and the African Diaspora		
HIS 372	Equality, Minorities, And Public Policy		
HIS 374	The Politics of Heredity: Eugenics in America		
HIS 476	Historiography of Science and Medicine		
Health Data, Policy and Management (Choose 2 courses)			
CRJ/SOC 323	Crime, Victimization and Public Health		
HAP 200	Introduction To Healthcare Administration		
HAP 334	Public Policy And Health Care		
HAP/PLS 331	Public and Non-Profit Administration		
NUR 475	Professional Concepts III		
PLS 333	Environmental Politics And Policy		
PLS 435	Global Poverty and Development		
Healthcare Ethics (Choose 1 course)			
PHL 404	Bioethics and Society		
PHL 425	Sciences, Ethics & Society		
PHL 456	Public Health Ethics		
HAP/JPS 416	Healthcare Ethics: Public Health, Administration, and Clinical Care		
Health Communication (Choose 1 course)			