PUBLIC HEALTH, BACHELOR OF SCIENCE (521P, 521)

Program Coordinator
Angel N. Shoemake, angel.shoemake@wku.edu

The Bachelor of Science in Public Health is accredited by the Council on Education for Public Health (CEPH). Graduates are prepared to use their skills in a variety of government agencies, hospitals and other facilities of the health care system, community mental health agencies, employee health programs in business and industry, student health services on college campuses, and many non-profit health agencies and communities. Many students choose to pursue advanced degrees in public health, and this is strongly encouraged.

Program Requirements (70 hours)

A baccalaureate degree requires a minimum of 120 unduplicated semester hours. More information can be found at www.wku.edu/registrar/degree_certification.php. (https://www.wku.edu/registrar/degree_certification.php)

Students who began WKU in the Fall 2014 and thereafter should review the Colonnade requirements located at: https://www.wku.edu/colonnade/colonnaderequirements.php. (https://www.wku.edu/colonnade/colonnaderequirements.php)

The program in public health consists of a core of 30 credit hours of coursework, 28 credit hours of other required courses, and 12 hours of electives for a total of 70 hours in the major.

Code	Title	Hours
Core Courses		
PH 261	Foundations of Public Health Education	3
PH 381	Public and Community Health	3
PH 384	Introduction to Epidemiology	3
PH 385	Environmental Health	3
PH 410	Global Perspectives on Population Health	3
PH 412	Health Disparities and Health Equity	3
PH 484	Community Organization for Health Education	3
PH 485	Fundamentals of Public Health Planning	3
PH 488	Public Health Senior Seminar	3
PH 490	Internship	3
Total Hours		**30**

Code	Title	Hours
Additional Required Courses		
BIOL 131	Human Anatomy and Physiology	4
BIOL 207 & BIOL 208	General Microbiology and General Microbiology Laboratory	4
CHEM 109	Chemistry for the Health Sciences	4
MATH 109	General Mathematics	3
or MATH 115	Applied College Algebra	
or higher level math course		
PH 100	Personal & Public Health	3
PH 383	Biostatistics in the Health Sciences	3
SFTY 171	Safety and First Aid	1
COMM 145	Fundamentals of Public Speaking and Communication	3
Select one of the following courses:		3
PSY/PSYS 100	Introduction to Psychology	
PSY/PSYS 220	Introduction to Lifespan Developmental Psychology	
SOCL 100	Introductory Sociology	
Total Hours		**28**

Code	Title	Hours
Electives		
Select 12 hours of the following courses: [1]		12
BIOL 315	Ecology	
CHEM 330	Quantitative Analysis	
ENV 280	Introduction to Environmental Science	
ENV 321	Fundamentals of Industrial Hygiene	
ENV 323	Fundamentals of Industrial Hygiene Laboratory	
ENV 360	Air Pollution Control	
ENV 365	Air Pollution Control Laboratory	
ENV 375	Introduction to Water Resources	
ENV 380	Principles of Environmental Toxicology	
ENV 410	Water Treatment Processes	
ENV 411	Water Treatment Processes Laboratory	
ENV 430	Radiological Health	
ENV 460	Environmental Management	
ENV 474	Environmental Risk Assessment	
ENV 480	Hazardous and Solid Waste Management	
ENV 490	Food Safety	
GEOG 310	Global Hydrology	
AH/HIM 290	Medical Terminology	
SFTY 270	General Safety	
HMD 211	Human Nutrition	
HCA 340	Health Care Organization and Management	
HCA 347	International Comparisons of Health Care Systems	
HCA 459	Global Health Service-Learning Practicum	
LEAD 200	Introduction to Leadership Studies	
LEAD 300	Leadership Theory and Application	
LEAD 325	Leading Change	
LEAD 330	Leadership Ethics and Decision-Making	
PH 365	Human Sexuality	

PH 382	Peer Health Education
PH 390	Wellness and Fitness Assessment
ENV 402	Worksite Health Promotion
PH 443	Health and Aging
PH 444	Death, Dying and Bereavement
PH 447	Human Values and the Health Sciences
PH 456	Independent Study in Health and Safety
PH 464	Women's Health
PH 467	Drug Abuse Education
PH 468	Sexuality Education
PH 483	Administration of Public Health Programs
PS 338	Government and Ethics
SOCL 250	Systems of Social Inequality
SOCL 260	Race and Ethnic Relations
SOCL 360	The Community in Rural and Urban Settings
SOCL 362	Social Institutions: Race, Class, and Gender
SOCL 375	Diversity in American Society
SOCL 376	Sociology of Globalization
STAT 330	Introduction to Statistical Software
SWRK 101	Foundations of Human Services
Total Hours	**12**

[1] Six of these hours must be upper division.

Requirements for Admission to Public Health (reference number 521)

30 hours including the following courses with an overall GPA of 2.3 or better.

Code	Title	Hours
BIOL 131	Human Anatomy and Physiology	4
CHEM 109	Chemistry for the Health Sciences	4
COMM 145	Fundamentals of Public Speaking and Communication	3
PH 100	Personal & Public Health	3
Select one of the following:		3
PSY/PSYS 100	Introduction to Psychology	
PSY/PSYS 220	Introduction to Lifespan Developmental Psychology	
SOCL 100	Introductory Sociology	
Select 13 additional hours		13
Total Hours		**30**

Finish in Four Plan

First Year

Fall	Hours	Spring	Hours
PH 100	3	PH 261	3
PSY 100, PSYS 100, PSY 220, PSYS 220, or SOCL 100	3	COMM 145	3
ENG 100	3	MATH 109 or MATH 115	3
BIOL 131	4	CHEM 109	4
Colonnade: Arts & Humanities	3	ENG 200	3
	16		**16**

Second Year

Fall	Hours	Spring	Hours
PH 381	3	PH 383	3
BIOL 207 & BIOL 208	4	Connections - Local to Global	3
HIST 101 or HIST 102	3	SFTY 171	1
Connections - Social and Cultural	3	General Elective	3
World Language or General Elective	3	PH Elective (See advisor)	3
		Elective	3
	16		**16**

Third Year

Fall	Hours	Spring	Hours
ENG 300	3	PH 384	3
PH 410	3	PH 484	3
PH 385	3	PH Elective (See advisor)	3
PH Elective (See advisor)	3	Elective	3
Elective	3	Elective	3
	15		**15**

Fourth Year

Fall	Hours	Spring	Hours
PH 412	3	PH 490	3
PH 485	3	PH 488	3
PH Elective (See advisor)	3	Elective	3
Connections - Systems	3	Elective	3
Elective	2		
	14		**12**

Total Hours 120