



Public Health, BS

Program: Public Health
College: Health and Human Services
Website: <https://www.iupui.edu/public-health/>
Contact Information: Dr. Kristi Storti, Director & Dr. Scott Decker, Asst. Dir.
 223 Zink Hall
 Phone: 724-357-2770
 Email: kstorti@iupui.edu
 Email: sdecker@iupui.edu



Program Description: A major in Public Health will provide flexibility and personalized options based upon career goals and graduate education aspirations. Students learn to improve health through a multidisciplinary core curriculum grounded in the social, natural and health sciences. Upon completion of the program, students will understand the science of human health, epidemiology of infectious and chronic diseases as well as complications of the US and global health care systems with regard to access and ethics of disparity in health care delivery. Through advising, students are encouraged to acquire a minor or a certificate with their electives that will enhance their knowledge in a specific area related to Public Health. These include but are not limited to: Anthropology; Applied Statistics; Biology; Community Health; Economics; Exercise Science; Geography; Global Health; LGBT&Q Studies; Nutrition; Psychology; Regional Planning; Safety, Health, and Environmental Sciences; Sociology; Spanish; and Women’s and Gender Studies. Students will receive academic advisement, depending on their career plans, to assist with the selection of controlled electives in their progression to graduation.

The total credits required is 120. Students must also maintain a cumulative GPA of 2.5 and a "C" or better in all of the required core Public Health courses.

Career Opportunities: Public health is the science and art of creating healthy communities through education, research, and promotion of healthy lifestyles. Public health professionals analyze and develop programs that protect the health of individuals, families, and communities in the United States and abroad. A career in public health opens the door to diverse opportunities in a variety of sectors such as federal, state, and local organizations, private, and non-governmental organizations. Professional jobs related to public health include Health Education, Research Assistant, Wellness/Health Coach, Medical Social Workers and more. The need for Health Educators and Community Health Workers is projected to grow 13% from 2019 to 2029. Many graduates choose to further education in a master’s degree program such as [Health Services Administration](#) or a Master of Public Health (MPH). IUP’s interdisciplinary program incorporates academic preparation in the social, natural and health sciences, mathematics, and humanities.

Student Organizations: Students interested in getting involved may join the IUP Public Health Club. The Public Health Club is a student run organization that works to promote public health.

Experiential Learning: Real-world experiences in professional settings allow Public Health majors to put their classroom learning to work. IUP’s strong network relationships with such institutions as the CDC/NIOSH, Pennsylvania Department of Health, the Center for Emergency Medicine of Western Pennsylvania, and the Pennsylvania Department of Education just to name a few, provide students with diverse options for field experiences.

Students generally complete their experiential learning during their spring semester of their senior year.



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Four-year Course Sequencing

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Calendar Year: 2021-2022
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Four-year Sequencing: The below four-year plan outlines the courses required in each semester of your baccalaureate degree. The goal is for you to visualize the years to come and understand what courses or other requirements are needed in order to graduate in four years. This also allows you to plan with your advisor for important engagement activities that support your higher education goals, such as, planning for an internship, research, and/or study abroad. The summer and winter terms are also an opportunity to take courses or accomplish other goals.

Freshman Year: Fall			Freshman Year: Spring		
Course	Course Description	Credits	Course	Course Description	Credits
ENGL 101	English Composition	3	HIST LBST	196, 197, or 198	3
KHSS/FDNT/NURS 143	Dimensions of Wellness	3	Fine Arts LBST	Liberal Studies Requirement	3
MATH 217	Probability & Statistics	3	SOC 151/161	Sociology Req.	3
BIOL 119	Emerging Diseases	3	BIOL 104	Human Biology	4
PUBH 122	Foundations of PUBH	3	PHIL 130	Intro to Biomed Ethics	3
		Total Fall			Total Spring
		15			16

Sophomore Year: Fall			Sophomore Year: Spring		
Course	Course Description	Credits	Course	Course Description	Credits
ENG 121	Humanities Literature	3	ENGL 202	English Composition	3
PSYCH 101	General Psychology	3	FDNT 145	Personal Nutrition	3
ECON 101	Basic Economics	3	PUBH 306	Research Design and Analysis	3
BIOL 301	Fundamentals of Epidemiology	3	ECON 360	Health Economics	3
Controlled Elective		3-4	NURS 101	Disaster Awareness	1
		Total Fall			Total Spring
		15-16			13

Junior Year: Fall			Junior Year: Spring		
Course	Course Description	Credits	Course	Course Description	Credits
ANTH 240/SOC454	Global Health	3	SOC 448	Social Welfare Policy	3
ANTH 444/SOC442	Medical Anthro or Medical Soc	3	NURS/ELR 314	Health Policy & Law	3
NURS 455	Health Informatics	3	NURS 410	Health Promotion & Social Issues	3
PSYC 332	Community Psyc & Preventions	3	Free Elective	Elective/Minor/Double Major	3
Controlled Elec	Controlled Elective	3	Free Elective	Elective/Minor/Double Major	3
		Total Fall			Total Spring
		15			15

Senior Year: Fall			Senior Year: Spring*		
Course	Course Description	Credits	Course	Course Description	Credits
FDNT 422	Public Health Nutr & Epidemiology	3	PUBH 493	Internship	6
Free Elective (GMA)	Elective/Minor/Double Major	3	Free Elective	Elective/Minor/Double Major	3
Free Elective	Elective/Minor/Double Major	3	Free Elective	Elective/Minor/Double Major	3
Free Elective	Elective/Minor/Double Major	3	Free Elective	Elective/Minor/Double Major	3
Free Elective	Elective/Minor/Double Major	3			
		Total Fall			Total Spring
		15			15



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Summary of Requirements

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Summary of Requirements: The required public health core courses are designed to introduce students to essential public health core competencies: community health education, occupational-environmental health sciences, epidemiology and biostatistics, research methods, advocacy, networking, cultural competence, ethical decision making, community dynamics, and experiential learning. The program provides a strong foundation for students who want to pursue graduate study. The 120-credit hour major requires 43 credits of liberal studies, 43 of Public Health core, with 6-8 controlled electives, and 26-28 open electives, A minor is recommended to complement the major (see suggestions below). The program also requires a 2.5 cumulative GPA & "C" or better in core Public Health courses.

Liberal Studies (43 credits)

Course	Credits	Grade
Learning Skills: English Composition (6 credits)		
ENG 101 Composition	3	
ENGL 202 Composition II	3	

Learning Skills: Mathematics (3 credits)		
MATH 217 Probability and Statistics	3	

Humanities (9 credits)		
HIST 196 or 197 or 198	3	
ENGL 121 Humanities Literature	3	
PHIL 130 Intro to Biomedical Ethics	3	

Fine Arts (3 credits)		
Select one from the list	3	

Natural Sciences (7 credits)		
BIOL 104 Human Biology	4	
BIOL 119 Emerging Diseases	3	

Social Sciences (9 credits) Choose three courses from		
PSYC 101 General Psychology	3	
SOC 151 OR 161 Principles/ Foundations of Sociology (GMA)	3	
ECON 101 basic OR 122 Microeconomics	3	

Health and Wellness (3 credits)		
Select from the list of 143 courses	3	

Liberal Studies Electives (6 credits)		
FDNT 145 Personal Nutrition	3	

Public Health Core Requirements (43 credits)

Course	Credits	Grade
PUBH 122 Foundations of Public Health	3	
PUBH 306 Research Design and Analysis (WI)	3	
PUBH 493 Internship	6	
BIOL 301 Fundamentals of Epidemiology	3	
ANTH 240 Global Health OR SOC 454 Rural	3	
ANTH 444 Medical OR SOC 442 Medical Soc	3	
ECON 360 Health Economics (WI)	3	
FDNT 422 Public Health Nutrition & Epidemiology	3	
NURS 101 Disaster Awareness	1	
NURS 410 Health Promotion and Social Issues	3	
NURS 455 Health Care Informatics	3	
NURS 314 or ELR 314 Health Policy & Law	3	
PSYC 332 Community Psychology & Prevention	3	
SOC 448 Social Welfare Policy	3	

Controlled Electives (see list of options)	6-8	
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Open Electives	26-28	
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Suggested Minors to assist choice of electives: Anthropology, Applied Statistics, Biology, Child & Adult Advocacy Studies, Community Health, Economics, Exercise Science, Geography, Global Health, LGBT&Q Studies, Nutrition, Psychology, Regional Planning, Safety, Health, and Environmental Sciences, Sociology, Spanish, Women's & Gender Studies

- [Global/Multicultural](#) (GMA), 3 credits required (SOC 161 fulfills this requirement which overlaps with Social Sciences)
- [Writing Intensive](#) (WI), 6 credits required is built into the PUBH Core
- Review [Degree Works](#) for your progress toward degree