

University of South Florida, College of Public Health

Overall Competencies for Bachelor of Science Major in Public Health

A **Bachelor of Science** with a major in Public Health will be able to:

1. Identify and articulate the core functions of public health.
 - a. Explain the basic principles of epidemiology.
 - b. Assess social and behavioral interventions to improve health of populations.
 - c. Identify the impact of the environment and communicable diseases on health.
 - d. Explain the role that public health plays in disaster prevention and management and evaluate public policy issues with respect to access, quality and cost when understanding health disparities within vulnerable populations.
2. Exhibit critical thinking and analytical abilities, including the capacities to engage in inductive and deductive thinking and quantitative reason, and to construct sound arguments.
 - a. Identify topics pertaining to public health research.
 - b. Generate research questions, analyze and present data, and interpret and discuss findings.
 - c. Demonstrate awareness about current public health topics including an analysis of the societal attitudes that generate differences on current public health topics.
3. Communicate using effective oral skills.
 - a. Demonstrate an ability to contribute effectively to group discussions and presentations.
 - b. Apply effective public speaking skills during classroom presentations.
4. Develop effective written presentations.
 - a. Demonstrate the use of information literacy skills such as locating and evaluating pertinent public health information.
 - b. Demonstrate the ability to use library resources and scientific databases.
 - c. Exhibit proper referencing secondary materials in APA format.

Association between courses and the competencies for
BS in Public Health

Courses	Competencies			
	1	2	3	4
Required courses (33 credit hours)				
HAS 4101 Introduction to Public Health	√	√	√	√
HSC 4551 Survey of Human Disease		√	√	
PHC 4030 Introduction to Epidemiology	√	√		√
PHC 4069 Biostatistics in Society		√		
PHC 3302 Introduction to Environmental & Occupational Health	√	√	√	√
HSC 4630 Understanding US Health Care	√	√		
HSC 4211 Health, Behavior & Society			√	
HSC 4537 Medical Terminology		√		
HSC 4624 Foundations of Global Health	√		√	√
PHC 4942 Field Seminar/Visits			√	√
Suggested Electives (12 credit hours)				
HSC 2399 Careers in Public Health				
HSC 210 Contemporary Health Science				
HSC 2130 Sex, Health & Decision Making				
HSC 2399 Selected Topics in Public Health				
HSC 3541 Human Structure & Function				
HSC 4134 Prevention of Mental Illness				
HSC 4172 Women's Health: A Public Health Perspective				
HSC 4573 Foundations of Food Safety				
HSC 4504 Foundations of Public Health Immunology				
HSC 4579 Foundations of Maternal & Child Health				
PHC 4542 Stress, Health & College Life				
PHC 4406 Informed Decision Making				
PHC 4931 Health Care Ethics				
PHC 4933 Special Topics in Public Health				