

Bachelor of Science (BS) Major in Public Health Courses and activities through which competencies are met

Undergraduate Competencies P=Primary, R=Reinforcing (These courses are in one of the required tracks of study)	Course 1	Course 2	Course 3	Course 4	Electives	Other Learning Experience
1. Describe the historical development of public health systems and their role in society.	CPH 200 Introduction to Public Health (P)	CPH 433 Global Health (P)	CPH 375 Introduction to Environmental and Occupational Health (P)		CPH 330 Human Sexuality CPH 449 Family Violence CPH 412 Public Health Approaches to Mental Disorders in the US	Students are able to attend
2. Use epidemiological principles to describe and analyze causes of disease and illness.	CPH 309 Introduction to Epidemiology (P)	CPH 433 Global Health	CPH 478 Maternal and Child Nutrition	CPH 375 Introduction to Environmental and Occupational Health (P)	CPH 412 Public Health Approaches to Mental Disorders in the US	Given the revised structure of the course, CPH 433 and CPH 478 now have the ability to build on the epidemiology skills from CPH 309 as it is pre-requisite for these courses.
3. Use basic biostatistical approaches and other modern methodological frameworks to design and test hypotheses.	CPH 376 Introduction to Health Statistics (P)	CPH 381 Health Education Intervention Methods (R)	CPH 375 Introduction to Environmental and Occupational Health (P)			

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4. Appropriately incorporate determinants of health (environmental, social, cultural, behavioral and biological) when studying the causation of disease and access to health services.	CPH 178 Personal Health and Wellness (P)	CPH 375 Introduction to Environmental and Occupational Health (P)	CPH 387 Health Disparities and Minority Health (P)	CPH 381 Health Education Intervention Methods (R)	CPH 418 Introduction to Risk Assessment CPH 484 Fundamentals of Industrial & Environmental Health CPH 306 Drugs and Society CPH 412 PH Approaches to Mental Disorders in the US	1. Students are able to obtain additional knowledge in environmental issues if they select the Environmental and Occupational Health Track. 2. Aspects of this competency may also be part of their field experience.
5. Provide a biological description for the major causes of communicable and non-communicable diseases and their pathology.	CPH 433 Global Health (P)	CPH 478 Maternal and Child Nutrition or NSC Principles of Nutrition (P)	CPH 309 Introduction to Epidemiology (P)		CPH 418 Introduction to Risk Assessment CPH 484 Fundamentals of Industrial and Environmental Health CPH 405 Biology in Public Health Research CPH 412 Public Health Approaches to Mental Disorders in the US	1. The program requires several biology courses as prerequisites to be in the program. 2. The Health delivery track requires 405 Biology of Public Health.

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6. Provide an environmental description for the major causes of communicable and non-communicable diseases and their pathology.	CPH 309 Introduction to Epidemiology (P)	CPH 375 Introduction to Environmental and Occupational Health (P)	CPH 387 Health Disparities and Minority Health (P)	CPH 433 Global Health (P)	CPH 418 Introduction to Risk Assessment	
7. Write appropriately for an entry level position in the field of public health.	ENGL 308 Technical Writing	CPH 493 Field Work in Public Health	CPH 375 Introduction to Environmental and Occupational Health (P)		CPH 489 Health Preparedness CPH 405 Biology in Public Health Research CPH 412 Public Health Approaches to Mental Disorders in the US	All students must write a final report to complete the requirement for CPH 493.
8. Explain basic concepts of public health administration and its affect on society.	CPH 310 Health Care in the US (P)	CPH 200 Introduction to Public Health (P)	CPH 415 Strategic Planning (R)		CPH 407 Health Economics and Policy	
9. Describe an ecological approach to how sex and drugs play a role in public health.	CPH 178 Personal Health and Wellness (P)	CPH 200 Introduction to Public Health (P)	CPH 306 Drugs and Society (R)	CPH 330 Human Sexuality (R)	CPH 306 Drugs and Society CPH 449 Family Violence	
10. Analyze how personal health, community health and sexuality are related.	CPH 178 Personal Health and Wellness (P)	CPH 200 Introduction to Public Health (P)	CPH 433 Global Health (P)	CPH 381 Health Education Intervention Methods (R)	CPH 330 Human Sexuality CPH 449 Family Violence	

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11. Construct and evaluate a community level intervention that addresses a current public health issue.	CPH 200 Introduction to Public Health (P)	CPH 350 Principles of Health Education and Health Promotion (P)	CPH 381 Health Education and Intervention Methods (R)	CPH 375 Introduction to EOH (P)	CPH 449 Family Violence	
12. Describe and compare health care issues between low-income, middle-income and high-income countries.	CPH 433 Global Health (P)	CPH 375 Introduction to EOH (P)			CPH 306 Drugs and Society CPH 407 Health Economics and Policy	
13. Distinguish between the roles that morals, ethics and law have on public health.	CPH 200 Introduction to Public Health (P)	CPH 310 Health Care in the US (P)	CPH 407 Health Economics and Policy (R)	CPH 375 Introduction to Environmental and Occupational Health (P)	CPH 489 Health Preparedness CPH 306 Drugs and Society CPH 330 Human Sexuality CPH 407 Health Economics and Policy	
14. Integrate public health theories into practice.	CPH 493 Field Work in Public Health	CPH 375 Introduction to EOH (P)			CPH 484 Fundamentals of Industrial and Environmental Health	
15. Identify individual and community behavioral health theories and their use in public health practice.	CPH 200 Introduction to Public Health (P)	CPH 381 Health Education Intervention Methods (R)			CPH 449 Family Violence	