

# Public Health: Bachelor of Science (B.S.)

## Degree Type

Bachelor of Science

The Bachelor of Science with a major in public health is designed to promote an understanding of health and disease based on public health principles. The primary goal of the program is to train public health professionals who will seek to improve the health status of individuals, communities and populations in the United States. The public health program builds upon a broad foundation in the liberal arts and sciences as well as social, ecological and population-based perspectives. Graduates will be prepared for entry-level public health jobs found in government agencies, health corporations, community nonprofit organizations and health care facilities. Those wishing to pursue professional careers within the public health arena will be well-positioned to continue their studies through matriculation into master's degree programs in public health.

## Learning Outcomes

Upon completion of degree requirements, students will:

- Discuss the philosophy of public health including core values, concepts and functions across the globe and in society.
- Apply the basic concepts, methods and tools of public health data collection, use and analysis.
- Identify basic processes, approaches and interventions that identify and address the major public health-related needs and concerns of populations.
- Analyze the socioeconomic, behavioral, biological and environmental factors that impact human health and contribute to health disparities.
- Define the fundamental characteristics and organizational structures of the U.S. health system as well as the differences of systems in other countries.
- Appreciate the role of health promotion and disease prevention of public health problems and explain how public health can utilize social and behavioral interventions across the lifespan to improve the health of populations.
- Assess individual and social accountability, including civic responsibility and ethical reasoning, as they apply to the health of populations.
- Demonstrate proficient reasoning and critical thinking including the ability to analyze, synthesize and evaluate information, to make sound decisions and solve problems (via written and oral presentation) as they apply to public health.
- Relate the importance of assessment, planning and evaluation components of public health project implementation.
- Employ public health-specific health communication strategies appropriately.

## Public Health B.S. Progress to Completion Requirements:

Item #	Title	Credits
BIO 108	Human Biology (+lab)	4.0
HEA 100	Introduction Health Care Systems	4.0
MAT 220	Introduction to Statistics	4.0
PBH 230	Introduction to Public Health	4.0
PBH 232	Mental Health Systems	2.0
PBH 306	Health Research Methods	4.0
PBH 330	Epidemiology	4.0
PBH 332	Prevention of Illness and Injury	4.0
PBH 401	Public Health Policy and Law	2.0
PBH 485	Public Health Internship	2.0-12
PBH 486	Public Health Capstone I	2.0
PBH 487	Public Health Capstone II	2.0
PHI 305	Biomedical Ethics	4.0
SHS 101	Introduction to Sociology	4.0

## Highly recommended elective courses are:

Item #	Title	Credits
INT 120	Applications of Microsoft Excel	2.0
ESS 100	Personal Health and Wellness	4.0
ESS 211	Nutrition Principles	4.0

### Suggested Registration Sequence

## First Year - Fall

Item #	Title	Credits
BIO 108	Human Biology (+lab)	4.0
FYE 101	First Year Experience	4.0
HEA 100	Introduction Health Care Systems	4.0
WRT 101	Introduction to Academic Writing	4.0

## First Year - Spring

Item #	Title	Credits
SHS 101	Introduction to Sociology	4.0
	Lib Ed - Liberal Education Core Course	4
	Lib Ed - Liberal Education Core Course	4
	Free Elective Course	4

## Sophomore Year - Fall

Item #	Title	Credits
MAT 220	Introduction to Statistics	4.0
PBH 230	Introduction to Public Health	4.0
	Lib Ed - Liberal Education Core Course	4
	Free Elective Course	4

## Sophomore Year - Spring

Item #	Title	Credits
PBH 232	Mental Health Systems	2.0
	Lib Ed - Liberal Education Core Course	4
	Lib Ed - Liberal Education Core Course	4
	Free Elective Course	4

## Junior Year - Fall

Item #	Title	Credits
PBH 306	Health Research Methods	4.0
PBH 330	Epidemiology	4.0
	Free Elective Course	4
	IE - Integrative Experience Course	4

## Junior Year - Spring

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PBH 332	Prevention of Illness and Injury	4.0
PHI 305	Biomedical Ethics	4.0
	Free Elective Course	4
	Free Elective Course	4

## Senior Year - Fall

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PBH 401	Public Health Policy and Law	2.0
PBH 485	Public Health Internship	2.0-12
PBH 486	Public Health Capstone I	2.0
	Free Elective Course	4
	Free Elective Course	4

## Senior Year - Spring

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PBH 487	Public Health Capstone II	2.0
	Free Elective Course	4
	Free Elective Course	4
	Free Elective Course	4