

# Bachelor of Science in Public Health

The Bachelor of Science in Public Health degree provides a professionally focused understanding of public health in America and abroad including the science, psychology, and sociology associated with public health issues. You will study public law, policy, and administration associated with the administration of public health along with its management, finances, and structure.

This online degree program is intended for professionals seeking advancement in the public health field or who desire to enter the field as a community health worker or educator, dietitian, nutritionist, health services manager, or occupational health and safety technician.

## Degree Program Objectives

In addition to the institutional and degree level learning objectives, graduates of this program are expected to achieve these learning outcomes:

- Apply organizational design principles to the unique healthcare organization construct.
- Perform macro- and microeconomic analyses of healthcare production and costs.
- Critically analyze the healthcare system in the United States.
- Create a plan for efficient healthcare system management.
- Develop an ethical system to analyze moral issues in public health services delivery.
- Discuss epidemiological issues in society.
- Appraise the U.S. medical care system, its problems, and potential for reform.
- Analyze international and comparative public health concepts, approaches, and systems.

## Degree at a Glance

Code	Title	Semester Hours
General Education Requirements		30
Major Required		37
Select one of the following concentrations:		21
General Concentration (p. 2)		
Emergency and Disaster Management (p. 3)		
Nutrition and Wellness (p. 3)		
Public Health Informatics (p. 4)		
Final Program Requirements		3

Elective Requirements	29
Total Semester Hours	120

## Degree Program Requirements

### General Education Requirements (30 semester hours)

Code	Title	Semester Hours
<b>Arts and Humanities (6 semester hours)</b>		
PHIL200	Introduction to Ethics	3
Select 1 course from the following: <sup>1</sup>		3
ARAB100	Arabic I	
ARAB101	Arabic II	
ARTH200	Art Appreciation	
ARTH241	Film and Literature	
DSIN141	Image Enhancement using Adobe Photoshop	
FREN100	French I	
FREN101	French II	
GERM100	German I	
GERM101	German II	
JAPN100	Introduction to Japanese	
LITR215	Literature of American Encounters, Revolution, and Rebellion	
LITR218	From Abolition to #MeToo: Literature of the American Civil Rights Movement	
LITR222	Pivotal Figures in Early British Literature	
LITR225	British Literature from Wordsworth through the Wasteland	
LITR231	Leadership in World Literature: Antiquity to the Early Modern Period	
LITR233	Literature of the Newly Globalized World: The Individual's Struggle to Adapt	
MUSI200	Music Appreciation	
MUSI250	World Music and Cultures	
PHIL101	Introduction to Philosophy	
PHIL110	Critical Thinking	
PHIL202	Philosophy of Science	
PORT100	Introduction to Brazilian Portuguese	
RELS201	Introduction to World Religions	
RUSS100	Russian I	
SPAN100	Spanish I	
SPAN101	Spanish II	
STEM270	Thinking and Acting Ethically	
<b>Civics, Political and Social Sciences (6 semester hours)</b>		

Select 2 courses from the following: <sup>1</sup>		6
ANTH100	Introduction to Anthropology	
ANTH202	Introduction to Cultural Anthropology	
CHFD220	Human Sexuality	
COMM211	Social Media and Society	
COMM240	Intercultural Communication	
ECON101	Microeconomics	
ECON102	Macroeconomics	
GEOG101	Introduction to Geography	
HOSP110	Practical Food Safety and Awareness	
IRLS210	International Relations I	
LITR212	Forgotten America—Under Represented Cultures in American Literature	
LITR235	Four Points of the Compass: Culture and Society Around the World	
POLS101	Introduction to Political Science	
POLS210	American Government I	
PSYC101	Introduction to Psychology	
SOCI111	Introduction to Sociology	
SOCI212	Social Problems	
SOCI220	American Popular Culture	
STEM280	Exploring Society and Cultures via Science Fiction	

**Communication: Writing, Oral, and Multimedia (9 semester hours)**

COMM120	Information and Digital Literacy	3
ENGL110	Making Writing Relevant	3
COMM285	Interpersonal Communications	3

**History (3 semester hours)**

Select 1 course from the following:		3
HIST101	American History to 1877	
HIST102	American History since 1877	
HIST111	World Civilization before 1650	
HIST112	World Civilization since 1650	
HIST121	Western Civilization before The Thirty Years War	
HIST122	Western Civilization since The Thirty Years War	
HIST221	African-American History before 1877	
HIST222	African-American History since 1877	
HIST223	History of the American Indian	
HIST270	History of Science	
STEM185	The History and Context of STEM	

**Mathematics and Applied Reasoning (3 semester hours)**

Select 1 course from the following:		3
ACCT105	Accounting for Non Accounting Majors	
ENTD200	Fundamentals of Programming	
MATH110	College Algebra	

MATH111	College Trigonometry	
MATH120	Introduction to Statistics	
MATH125	Math for Liberal Arts Majors	
MATH225	Calculus	
<b>Natural Sciences (3 semester hours)</b>		
BIOL180	Introduction to Biology	3
Total Semester Hours		30

<sup>1</sup> All literature courses require successful completion of ENGL101 - Proficiency in Writing or ENGL110 - Making Writing Relevant.

**Major Required (37 semester hours)**

Code	Title	Semester Hours
PBHE111	Introduction to Health Care Administration	3
PBHE112	Health Services Organization	3
SCIN131	Introduction to Chemistry with Lab	4
PBHE209	Wellness: Health Promotion and Disease Prevention	3
PBHE211	Public Health in America	3
SPHE295	Foundations of Nutrition	3
PBHE215	Healthcare: Moral Issues	3
COLL300	Research, Analysis, and Writing	3
MGMT312	Leadership & Motivation	3
PBHE315	Health Economics and Finance	3
PBHE427	Epidemiology	3
POLS410	Public Policy	3
Total Semester Hours		37

You must choose a concentration for this degree program and may select from the General Concentration, Concentration in Emergency and Disaster Management, Concentration in Nutrition and Wellness, or Concentration in Public Health Informatics.

**General Concentration (21 semester hours)**

A general concentration allows you to take courses across a number of areas of study within your program based on your own interests.

Code	Title	Semester Hours
Select 7 courses from the following:		
PBHE426	Quarantine	21
PBHE413	Special Operations in Emergency Medical Services	
EDMG220	Emergency Planning	
EDMG230	Emergency and Disaster Incident Command	

EDMG340	Consequence Management
EDMG420	Risk Communications
PSYC431	Psychology of Disaster
PSYC460	Sports Psychology
SOCI315	Food and Culture
SOCI423	Sociology of Health and Illness
SPHE314	Exercise Physiology
SPHE320	Nutrition
SPHE460	Business Aspects of Fitness and Wellness
SPHE461	Current Issues and Trends in Fitness and Wellness
HIMA100	Medical Terminology
HIMA110	Introduction to Health Information Management
HIMA250	Healthcare Delivery Systems and Documentation
HIMA310	Electronics Health Records Fundamentals
HIMA360	Health Informatics Project and Enterprise Management
HIMA410	Informatics and Analytics
HIMA460	Healthcare Data Management and Governance
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Total Semester Hours	21

### Concentration in Emergency Disaster and Management (21 semester hours)

Focuses on the theoretical, historical, and contemporary issues associated with quarantine as a public health and safety measure. Public health consequences of nuclear, biological, and chemical incidents, emergency planning and response measures in place among U.S. agencies, and emerging detection and management technologies will be explored. Psychological and physiological human response to natural and man-made disasters and media management will be discussed.

#### Objectives

Upon successful completion of this concentration, the student will be able to:

- Evaluate theoretical, historical, and contemporary issues associated with quarantine as a public health and safety measure.
- Analyze specialized issues associated with emergency medical services in mass casualty, biological, chemical and radiological incidents.
- Define and discuss the roles and responsibilities of the Incident Command System used in crises, disasters, and emergency management response systems.

- Identify the historical development and use of chemical and biological weapons and their impacts
- Examine media management during local/national disasters and the levels of governmental response.
- Examine normal and abnormal physiological and psychological reactions to natural and man-made disasters, and discuss the recovery process and principles of mental health care for victims of mass disasters.

### Concentration Requirements (21 semester hours)

Code	Title	Semester Hours
EDMG220	Emergency Planning	3
EDMG230	Emergency and Disaster Incident Command	3
PBHE413	Special Operations in Emergency Medical Services	3
PBHE426	Quarantine	3
EDMG340	Consequence Management	3
EDMG420	Risk Communications	3
PSYC431	Psychology of Disaster	3
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Total Semester Hours		21

### Concentration in Nutrition and Wellness (21 semester hours)

Focuses on nutrition and health, and analyzes human food choices from an ecological, political, and sociological perspective. Looks at the psychological effects of exercise and discusses issues related to personality factors and exercise motivation. Provides instruction on psychological skills training program development, which incorporates theories of anxiety reduction, imagery training, and effective goal setting.

#### Objectives

Upon successful completion of this concentration, the student will be able to:

- Evaluate the role of nutrition on individual health.
- Describe issues related to the personality factors in exercise and the psychological effects of exercise.
- Discuss challenges related to motivation and the fundamentals of achievement motivation to guide practice and performance.
- Explain concepts related to social, environmental, and occupational factors in health and illness.

- Analyze human food choices from an ecological, political, and sociological perspective.

### Concentration Requirements (21 semester hours)

Code	Title	Semester Hours
SOCI315	Food and Culture	3
SPHE320	Nutrition	3
SPHE314	Exercise Physiology	3
SOCI423	Sociology of Health and Illness	3
PSYC460	Sports Psychology	3
SPHE460	Business Aspects of Fitness and Wellness	3
SPHE461	Current Issues and Trends in Fitness and Wellness	3
Total Semester Hours		21

### Concentration in Public Health Informatics (21 semester hours)

Focuses on healthcare information management and its historical development, along with theoretical and practical applications of the health care delivery systems. Examines the emerging technology of electronic health records, and offers fundamental knowledge of the concepts of health informatics applications. Presents key skills and techniques that can be applied immediately to the management and governance of healthcare data.

#### Objectives

Upon successful completion of this concentration, the student will be able to:

- Define and use specialized medical vocabulary and accepted medical abbreviations and symbols needed in health information management.
- Describe characteristics of health care delivery and settings in the United States.
- Evaluate the type and content of the health record and interpret health records standards, policies and procedures.
- Evaluate initial and ongoing training programs for healthcare organizations.
- Utilize technology for data collection, storage, analysis, interpreting, and reporting of healthcare information.
- Identify, evaluate, and analyze health information needs across the healthcare continuum.

### Concentration Requirements (21 semester hours)

Code	Title	Semester Hours
HIMA100	Medical Terminology	3
HIMA110	Introduction to Health Information Management	3
HIMA250	Healthcare Delivery Systems and Documentation	3
HIMA310	Electronics Health Records Fundamentals	3
HIMA360	Health Informatics Project and Enterprise Management	3
HIMA410	Informatics and Analytics	3
HIMA460	Healthcare Data Management and Governance	3
Total Semester Hours		21

### Final Program Requirements (3 semester hours)

Code	Title	Semester Hours
PBHE498	Senior Seminar in Public Health (to be taken as the last course before graduation) <sup>1</sup>	3
Total Semester Hours		3

<sup>1</sup> Prerequisite: Senior Standing and completion of all major courses prior to enrollment.

### Elective Requirements (29 semester hours)

Select any courses that have not been used to fulfill major or concentration requirements. Credits applied toward a minor or certificate in an unrelated field may be used to fulfill elective credit for the major.