



SCHOOL OF HEALTH AND HUMAN SERVICES

BACHELOR OF SCIENCE IN PUBLIC HEALTH

Improve the Health of Communities

Learn what it takes to protect and improve the health of individuals and communities by earning a Bachelor of Science in Public Health. Students in this program will learn how to apply knowledge and skills relating to the interactions and inter-dependencies of health behavior, the physical and social environment, and public policy to affect health at local, state, national, and international levels. The program is designed to prepare entry-level public health professionals to begin careers in a variety of health agencies: governmental health agencies, voluntary health agencies, community based/non-governmental agencies, medical care services, education agencies, and business and industry. Graduates of the program will be eligible to sit for the

Certified Health Education Specialists exam through the National Commission on Health Education Credentialing, Inc.

Program highlights:

- Prepares entry-level public health practitioners to begin careers at a variety of health agencies
- Learn to assess needs, plans, and implement prevention programs, assess program outcomes, and communicate and advocate for public health issues
- Completion of program qualifies students to sit for the Certified Health Education Specialist exam

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**NATIONAL
UNIVERSITY**

MAJOR IN PUBLIC HEALTH

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The Bachelor of Science in Public Health features a broad-based foundation in the liberal arts and sciences and an ecological perspective of public health and the role that public health professionals play in preventing disease while maintaining or increasing quality of life. Graduates of the program will possess an understanding of the contributions of core public health disciplines to the nation's health. At the same time, graduates will also learn how to apply knowledge and skills relating to the interactions and interdependencies of health behavior, the physical and social environment, and public policy to affect health at local, state, national, and international levels. The program is designed to prepare entry-level public health professionals to begin careers in a variety of health agencies: governmental health agencies, voluntary health agencies, community based/non-governmental agencies, medical care services, education agencies, and business and industry. Within these practice settings, entry-level public health practitioners address significant health challenges from individual, family, group, organization, neighborhood, community, and societal perspectives. Graduates will apply their competencies to assess needs, plan and implement prevention programs, assess program outcomes, communicate and advocate for public health issues, and participate in the development of public health as a profession. Graduates will also enhance their opportunities for professional growth and job placement through planned field practicum. Upon graduation, entry-level public health practitioners may be eligible to sit for the Certified Health Education Specialists exam (CHES) through the National Commission on Health Education Credentialing, Inc. Community Health (COH) courses in levels 300 and 400 are only offered in two formats: 1) Hybrid 50/50; 2) Online.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Describe behavioral and non-behavioral variables contributing to morbidity and mortality.
- Explain the core principles of public health and their relationship to the health status of groups, communities, and populations at the local, state, national, and international levels.
- Describe the contributions of health disparities to morbidity and mortality among specific groups, communities, and societies.
- Assess the need for health promotion programs in response to the characteristics of diverse communities of interest using primary and secondary data.
- Employ a variety of strategies to plan, implement, monitor and evaluate health promotion programs in a variety of settings to meet stated goals, objectives and established standards.
- Choose appropriate strategies and tactics to influence behavioral, environmental, and public policy change to address the health needs in a given community.
- Evaluate the progress and outcomes of prevention programs in meeting stated goals and objectives and established standards.
- Design a plan for lifelong learning incorporating high professional and ethical standards, leadership, and cultural competencies and their evolving role in society.

Degree Requirements

To receive a Bachelor of Science degree in Public Health, students must complete at least 180 quarter units as articulated below including a minimum 70.5 units of the University General Education requirements, 45 quarter units of which must be completed in residence at National University, 76.5 quarter units of which must be completed at the upper-division level.

In the absence of transfer credit, additional general electives may be necessary to satisfy total units for the degree. Refer to the section on undergraduate admission requirements for specific information regarding admission and evaluation.

Preparation for the Major

(14 courses; 54 quarter units)

COH 100*	Personal Health
PSY 100*	Introduction to Psychology
SOC 100*	Principles of Sociology <i>Prerequisite: ENG 100 and ENG 101</i>
BIO 201*	Human Anatomy & Physiol I <i>Recommended: Prior completion of: BIO 100, BIO 100A, CHE 101 and CHE 101A or equivalent courses.</i>
BIO 201A*	Human Anatomy & Physiol Lab I (1.5 quarter units) <i>Prerequisite: BIO 201</i>
BIO 202*	Human Anatomy & Physiol II <i>Recommended: Prior completion of: BIO 201 and BIO 201A, BIO 100 and BIO 100A, CHE 101 and CHE 101A or equivalent courses</i>
BIO 202A*	Human Anatomy & Physiol Lab II (1.5 quarter units) <i>Prerequisite: BIO 202</i>

BIO 203*	Introductory Microbiology <i>Recommended: Prior completion of: BIO 201 and BIO 201A, BIO 202 and BIO 202A, BIO 100 and BIO 100A, CHE 101 and CHE 101A or equivalent courses</i>
BIO 203A*	Introductory Microbiology Lab (1.5 quarter units) <i>Prerequisite: BIO 203</i>
HTM 310	Health Informatics
BST 322*	Intro to Biomedical Statistics
COH 317*	Public Health Nutrition <i>Prerequisite: ENG 100, Recommended Preparation: COH 100</i>
COH 318*	Drug Use and Abuse <i>Prerequisite: ENG 100, Recommended Preparation: COH 100</i>
COH 319*	Human Sexuality <i>Prerequisite: ENG 100, Recommended Preparation: COH 100</i>

* May be used to meet a General Education requirement.

Satisfactory completion of all courses in "Preparation for the Major" is needed prior to enrolling in "Core Requirements."

Core Requirements

(4 courses; 18 quarter units)

COH 310	Culture and Health <i>Prerequisite: ILR 260</i>
COH 315	Introduction to Epidemiology <i>Prerequisite: BST 322 and ILR 260</i>
COH 320	Chronic & Communicable Disease <i>Prerequisite: ILR 260</i>
COH 321	Health Behavior <i>Prerequisite: ILR 260</i>

Satisfactory completion of all courses in "Core Requirements" is needed prior to enrolling in "Requirements for the Major."

Requirements for the Major

(11 courses; 49.5 quarter units)

COH 300	The Ecology of Public Health <i>Prerequisite: COH 100, PSY 100, SOC 100, BIO 203A, COH 310 and COH 320</i>
COH 380	HP Program Planning & Eval. <i>Prerequisite: COH 300, COH 315 and HTM 310</i>
COH 400	Environmental Health <i>Prerequisite: COH 380</i>
COH 401	Health Promotion Concepts <i>Prerequisite: COH 300, COH 315, COH 400 and HTM 310</i>
COH 412	Injury Prevention <i>Prerequisite: COH 401</i>
COH 416	PH & Physical Activity <i>Prerequisite: COH 401</i>
COH 422	Global Health Promotion <i>Prerequisite: COH 401</i>
COH 430	HP Strategies & Tactics <i>Prerequisite: COH 401</i>
COH 435	PH Communications & Advocacy <i>Prerequisite: COH 430</i>
COH 440	Preparedness & Disaster Mgmt. <i>Prerequisite: COH 401</i>
COH 499	Public Health Field Practicum. <i>Prerequisite: COH 100, COH 300, COH 310, COH 315, COH 317, COH 318, COH 319, COH 320, COH 321, COH 380, COH 400, COH 401, COH 412, COH 416, COH 422, COH 430, COH 435 and COH 440</i>