

BACHELOR OF SCIENCE IN APPLIED SCIENCE IN PUBLIC HEALTH, ENVIRONMENTAL HEALTH TRACK

Public Health

The public health program offers the Bachelor of Science in Applied Science (BSAS) degree and can be completed in eight semesters if students average 16 hours per semester. The program has two tracks:

- Health Education/Health Promotion
- Environmental Health and Safety

The program offers a minor in public health and community health planning and evaluation. The program offers minors in:

- Public health
- Community Health Planning and Evaluation
- Environmental Health and Safety

The program contributes to the University’s general education requirements by offering PHLT 1500 Introduction to Online Learning in Health Professions, PHLT 1513 Introduction to Environmental Health and Safety, PHLT 1531 Fundamentals of Public Health, and PHLT 1568 Healthy Lifestyles, which meet the general education requirements for First Year Experience, Social and Personal Awareness, Social Sciences/Social and Personal Awareness and Social and Personal Awareness, respectively. To be admitted to the public health program, a student must have a minimum GPA of 2.0. To continue enrollment in the major, students must maintain a 2.0 GPA. If a student falls below a 2.0 GPA, he or she can only reapply to the major after a minimum GPA of 2.0 has been achieved.

There are five standard areas in public health training that enable students to perform the essential services of public health. These are :

- epidemiology
- biostatistics
- health services administration
- environmental health
- behavioral science/health education

The curriculum for the YSU bachelor’s degree in public health addresses each of the five core areas through multiple courses. This curriculum enables mastery at the bachelor’s level of the nationally recognized Public Health Core Competencies, and requires an internship tailored to the area of public health interests of each student. All of the major courses for the degree can be completed through online distance learning options.

The BSAS in public health can also prepare the student to become a Certified Health Education Specialist (CHES) or be eligible to take the sanitarian examination. CHES assesses:

- individual and community health needs
- the ability to plan and implement effective health education and health promotion programs
- the ability to coordinate and manage the provision of health education and promotion services
- he ability to effectively communicate health and health education needs, concerns, and resources
- the ability to conduct program evaluation

The environmental health and safety track prepares students to be sanitarians/sanitaricians-in-training. Sanitaricians promote public health by conducting environmental health inspections and related activities for settings such as food service establishments (restaurants), children’s camps, hotels, long-term and adult care facilities, and diagnostic and treatment centers.

Public health professionals work in multiple settings:

- public
- non-profit
- academic
- private
- governmental

For more information visit the **Public Health Program** (<http://www.yzu.edu/academics/bitonte-college-health-and-human-services/online-public-health-major>).

During the freshman and sophomore years, students are expected to take the courses that meet the requirements for general education. In addition to the English, mathematics, and communication requirement, specific general education courses for the BSAS public health degree include:

COURSE	TITLE	S.H.
General Education Requirements		
Core Competencies		12
ENGL 1550	Writing 1	
ENGL 1551	Writing 2	
CMST 1545	Communication Foundations	
MATH 2623	Quantitative Reasoning	
Arts and Humanities		6
PHIL 1560	Introduction to Philosophy (or)	3
OR		
PHIL 2625	Introduction to Professional Ethics	3
Natural Sciences		6
BIOL 2601	General Biology: Molecules and Cells	4
BIOL 2601L	General Biology: Molecules and Cells Laboratory	0
GEOL 1500	Environmental Geology	4
Social Science		6
SOC 1500	Introduction to Sociology	3
Social and Personal Awareness		6
PHLT 1568	Healthy Lifestyles	3
AND		
PHLT 1531	Fundamentals of Public Health	3
General Education Elective / First-Year Experience		3
PHLT 1500	Introduction to Online Learning in Health Professions	3
Major Requirements		
PHLT 1513	Introduction to Environmental Health and Safety	3
BIOL 1545	Allied Health Anatomy and Physiology	5
AND		
BIOL 1545L	Allied Health Anatomy and Physiology Laboratory	0
Core Requirements		
PHLT 2607	Ethical Issues in Public Health	3
PHLT 3702	Health Education Theory and Methods	3
PHLT 3709	Elements of Urban Environmental Health Practices	3
PHLT 3725	Topics in Public Health	3
PHLT 3757	Health and Disease	4
PHLT 3791	Community Health	3
PHLT 4826	Community Health Planning and Promotion	4
PHLT 4827	Evaluation of Health Promotion Programs	3

PHLT 4828	Grant Writing	3
PHLT 4892	Environmental Health and Safety Internship	8
PHLT 4898	Environmental Health and Safety Senior Seminar	3
PHLT 5804	Multicultural Health	3
PHLT 5810	Agents of Mass Casualty	3
PHLT 5812	Crisis Management in Public Health	3
AHLT 3708	Preventive Public Health Care	3
AHLT 3740	Pathology of Infectious Diseases	3
AHLT 3755	Principles of Occupational Health and Safety	3
AHLT 4806	Research Methods	3
AHLT 4808	Environmental Health Concerns	3
AHLT 4810	Management Skills for Health Professionals	3
AHLT 4820	Directed Research	3
AHLT 4831	Industrial Hygiene	3
AHLT 5816	Environmental Regulations	3
AHLT 5807	Epidemiology	3
Total Degree Hours		122 sh

A total of 122 semester hours are required for the BSAS in public health. No minor is required for this professional BSAS degree.

Course	Title	S.H.
Year 1		
Fall		
PHLT 1531	Fundamentals of Public Health	3
PHLT 1568	Healthy Lifestyles	3
PHLT 1513	Introduction to Environmental Health and Safety	3
ENGL 1550	Writing 1	3
PHLT 1500	Introduction to Online Learning in Health Professions	3
Semester Hours		15
Spring		
MATH 2623	Quantitative Reasoning	3
PHLT 3791	Community Health	3
AHLT 3708	Preventive Public Health Care	3
ENGL 1551	Writing 2	3
BIOL 1545	Allied Health Anatomy and Physiology	5
AND		
BIOL 1545L	Allied Health Anatomy and Physiology Laboratory	0
Semester Hours		17
Year 2		
Fall		
AHLT 5807	Epidemiology	3
PHLT 3702	Health Education Theory and Methods	3
PHLT 3709	Elements of Urban Environmental Health Practices	3
BIOL 2601	General Biology: Molecules and Cells	4
AND		
BIOL 2601L	General Biology: Molecules and Cells Laboratory	0
CMST 1545	Communication Foundations	3
Semester Hours		16
Spring		
PHLT 3725	Topics in Public Health	3
PHLT 3757	Health and Disease	4
AHLT 4808	Environmental Health Concerns	3

PHLT 5812	Crisis Management in Public Health	3
PHIL 1560	Introduction to Philosophy	3
or PHIL 2625	or Introduction to Professional Ethics	
Semester Hours		16
Year 3		
Fall		
AHLT 4831	Industrial Hygiene	3
PHLT 4826	Community Health Planning and Promotion	4
AHLT 4806	Research Methods	3
PHLT 2607	Ethical Issues in Public Health	3
SOC 1500	Introduction to Sociology	3
Semester Hours		16
Spring		
PHLT 4827	Evaluation of Health Promotion Programs	3
PHLT 4828	Grant Writing	3
AHLT 3740	Pathology of Infectious Diseases	3
Arts and Humanities		3
PHLT 5804	Multicultural Health	3
Semester Hours		15
Year 4		
Fall		
AHLT 5816	Environmental Regulations	3
AHLT 3755	Principles of Occupational Health and Safety	3
AHLT 4810	Management Skills for Health Professionals	3
PHLT 5810	Agents of Mass Casualty	3
Semester Hours		12
Spring		
GEOL 1500 & 1500L	Environmental Geology and Environmental Geology Laboratory	4
PHLT 4892	Environmental Health and Safety Internship	8
PHLT 4898	Environmental Health and Safety Senior Seminar	3
Semester Hours		15
Total Semester Hours		122

• The following development courses do not count toward degree requirements:

COURSE	TITLE	S.H.
ENGL 1539	Fundamentals of College Writing	4
ENGL 1540	Introduction to College Writing	3
RSS 1510A	Advanced College Success Skills	3
RSS 1510B	Basic College Success Skills	3
MATH 1501	Elementary Algebraic Models	5

- No minor is required for this major.
- To continue enrollment in the major, a GPA of 2.0 must be maintained.
- Courses in the major require a grade of "C" or better.
- Courses taken under the Credit(CR)/No Credit (NC) option may not be counted toward the major. You must confer with Dr. Robinson prior to electing this option. (Refer to the Undergraduate Bulletin for more information.)

Learning Outcomes

The student learning outcomes for public health are as follows:

- The public health student will demonstrate skill in competence in core Public Health content including program planning and evaluation, program implementation, coordination of effective communication, use of resources, environmental health and safety, and cultural competence by

achieving a score of at least 85% on a program comprehensive exam taken as part of PHLT 4898 Environmental Health and Safety Senior Seminar or PHLT 4899 Public Health Senior Seminar courses.

- The public health student will demonstrate mastery of entry-level Public Health competency by receiving an internship score of at least 85% by his/her public health/environmental health internship supervisor.