

# BACHELOR OF SCIENCE IN APPLIED SCIENCE IN PUBLIC HEALTH

## Program Director

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## Overview Public Health

Wherever there's a community in need, public health professionals answer the call—driving action, advocating for change, and responding to crises. They work across diverse settings, including public health agencies, non-profits, academia, private industry, and health care organizations.

The Bachelor of Science in Applied Science (BSAS) in Public Health offers students the opportunity to specialize in one of the following emphasis areas:

- Public Health Generalist
- Health Education and Promotion
- Environmental Health and Safety

Students also have the option to pursue a minor in a field that enhances their degree in public health, broadening their academic experience and expertise.

The curriculum for the YSU bachelor's degree in public health addresses each of the core disciplines in public health.

- Epidemiology
- Biostatistics
- Health Services Administration
- Environmental Health
- Behavioral Science/Health Education

This curriculum enables mastery at the bachelor's level of the nationally recognized foundational domains of public health and Public Health Core Competencies. All major courses can be completed through online distance learning options.

Graduates of the BSAS in Public Health are well-prepared to advance their education at the graduate level or obtain professional certifications. The degree provides a strong foundation for those pursuing the Certified Health Education Specialist (CHES) exam or the Environmental Health Specialist exam. Students interested in the Environmental Health Specialist exam must complete a statistics course and at least 30 semester hours of science coursework to qualify.

The program also offers a minor in public health. Students pursuing a minor in public health may choose one of the following emphasis areas:

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

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.
<b>FIRST YEAR REQUIREMENT - STUDENT SUCCESS</b>		
YSU 1500	Success Seminar	1-2
or YSU 1500S	Youngstown State University Success Seminar	
or HONR 1500	Intro to Honors	
<b>General Education Requirements</b>		
ENGL 1550	Writing 1	3-4
or ENGL 1549	Writing 1 with Support	
ENGL 1551	Writing 2	3
<b>Mathematics requirement (one of the following):</b>		
MATH 2623	Quantitative Reasoning	3-6
or MATH 2623C	Quantitative Reasoning with Co-Requisite Support	
or STAT 2601	Introductory Statistics	
or STAT 2625	Statistical Literacy and Critical Reasoning	
or STAT 2625C	Statistical Literacy and Critical Reasoning with Co-Requisite Support	
<b>Natural Science (7 s.h.) (2 courses, 1 with lab)</b>		<b>7</b>
<b>Arts and Humanities (6 s.h.) (2 courses)</b>		<b>6</b>
<b>Social Science (6 s.h.)</b>		
PHLT 1531	Fundamentals of Public Health (required for the major)	3
Social Science Elective		3
<b>General Education Electives (9 s.h.)</b>		
CMST 1545	Communication Foundations	3
PHLT 1568	Healthy Lifestyles (required for the major)	3
Gen Ed. Elective of Choice		3
<b>Required Courses</b>		
PHLT 1513	Introduction to Environmental Health and Safety	3
PHLT 1550	Public Health Advocacy and Policy	3
PHLT 2607	Ethical Issues in Public Health	3
PHLT 3702	Health Education Theory and Methods	3
PHLT 3791	Community Health	3
PHLT 3723	Global Perspectives of Public Health	3
PHLT 4826	Community Health Planning, Implementation, and Evaluation	3
PHLT 4899	Public Health Senior Seminar	3
AHLT 4806	Research Methods	3
AHLT 4810	Management Skills for Health Professionals	3
AHLT 5807	Epidemiology	3
HAHS 5875	Interprofessional Education for Health Professions	3
<b>Choose one of the PHLT Emphasis Areas (12 s.h.):</b>		<b>12</b>
<b>Health Education and Promotion</b>		
PHLT 2692	Human Sexuality	
or PHLT 3731	Drug Use and Abuse	
PHLT 3725	Topics in Public Health	
PHLT 3757	Health and Disease	
PHLT 5804	Multicultural Health	
<b>Environmental Health</b>		
PHLT 3709	Elements of Urban Environmental Health Practices	
PHLT 4808	Environmental Health Concerns	
PHLT 5810	Agents of Mass Casualty	
PHLT 5812	Crisis Management in Public Health	
<b>Generalist</b>		
Any combination of courses from the Health Education and Promotion/Environmental emphasis areas above totaling 12 semester hours		
<b>PHLT Upper Division Electives (18 s.h.)</b> (1 course must be 3700 level or above, all others must be 2700 level or above)		<b>18</b>

Below are the courses that can be counted towards your upper division PHLT electives. Courses taken as part of your emphasis area do not count toward your PHLT upper division elective semester hours

PHLT 3708	Preventive Public Health Care	
PHLT 3709	Elements of Urban Environmental Health Practices	
PHLT 3725	Topics in Public Health	
PHLT 3731	Drug Use and Abuse	
PHLT 3751	Public Health Impact of War and Conflict	
PHLT 3757	Health and Disease	
PHLT 4828	Grant Writing	
PHLT 5804	Multicultural Health	
PHLT 5810	Agents of Mass Casualty	
PHLT 5812	Crisis Management in Public Health	
AHLT 3740	Pathology of Infectious Diseases	
AHLT 5816	Environmental Regulations	
AHLT 5831	Industrial Hygiene	
<b>Additional Electives or Minor Coursework</b>		<b>16</b>
<b>Total Semester Hours</b>		<b>120-125</b>

A minimum of 120 semester hours are required for the BSAS in public health. No minor is required for this professional BSAS degree.

**Year 1**

		S.H.
<b>Fall</b>		
YSU 1500	Success Seminar	1-2
or YSU 1500S	or Youngstown State University Success Seminar	
or HONR 1500	or Intro to Honors	
ENGL 1550	Writing 1	3-4
or ENGL 1549	or Writing 1 with Support	
CMST 1545	Communication Foundations	3
PHLT 1531	Fundamentals of Public Health	3
PHLT 1550	Public Health Advocacy and Policy	3
PHLT 1568	Healthy Lifestyles	3
<b>Semester Hours</b>		<b>16-18</b>

**Spring**

ENGL 1551	Writing 2	3
MATH 2623	Quantitative Reasoning	3-6
or MATH 2623C	or Quantitative Reasoning with Co-Requisite Support	
or STAT 2601	or Introductory Statistics	
or STAT 2625	or Statistical Literacy and Critical Reasoning	
or STAT 2625C	or Statistical Literacy and Critical Reasoning with Co-Requisite Support	
Natural Science Gen Ed.		3
Arts and Humanities Gen Ed.		3
Gen Ed. Elective		
<b>Semester Hours</b>		<b>12-15</b>

**Year 2**

<b>Fall</b>		
PHLT 2607	Ethical Issues in Public Health	3
PHLT 3702	Health Education Theory and Methods	3
Social Science Gen Ed.		3
Natural Science + Lab Gen Ed.		4
Elective or Minor		3
<b>Semester Hours</b>		<b>16</b>

**Spring**

PHLT 1513	Introduction to Environmental Health and Safety	3
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PHLT 3791	Community Health	3
Arts and Humanities Gen Ed.		3
Elective or Minor		3
Elective or Minor		3

**Semester Hours 15**

**Year 3**

**Fall**

AHLT 5807	Epidemiology	3
PHLT 4826	Community Health Planning, Implementation, and Evaluation	3
PHLT Emphasis Area Course		3
PHLT Upper Division Elective		3
Elective or Minor		3

**Semester Hours 15**

**Spring**

PHLT 3723	Global Perspectives of Public Health	3
AHLT 4806	Research Methods	3
PHLT Emphasis Area Course		3
PHLT Upper Division Elective		3
Elective or Minor		3

**Semester Hours 15**

**Year 4**

**Fall**

AHLT 4810	Management Skills for Health Professionals	3
PHLT Emphasis Area Course		3
PHLT Upper Division Elective		3
PHLT Upper Division Elective		3
Elective or Minor		4

**Semester Hours 16**

**Spring**

PHLT 4899	Public Health Senior Seminar	3
HAHS 5875	Interprofessional Education for Health Professions	3
PHLT Emphasis Area Course		3
PHLT Upper Division Elective		3
PHLT Upper Division Elective		3

**Semester Hours 15**

**Total Semester Hours 120-125**

- Students must earn a grade of "C" or better in all required PHLT and AHLT courses.
- Courses taken under the Credit(CR)/No Credit (NC) option may not be counted toward the major.

**Learning Outcomes**

The student learning outcomes for public health are as follows:

- The BSAS in Public Health program will provide students with instruction in the foundational domains of public health and prepare them to complete the following responsibility in relation to health education:
  - Assessment of Needs and Capacity
  - Planning
  - Implementation
  - Evaluation and Research
  - Advocacy
  - Communication
  - Leadership and Management
  - Ethics and Professionalism

- Upon completion of the BSAS in Public Health program students will display the following competencies:
  - Communicate public health information in both oral and written forms, through a variety of media and to diverse audiences
  - Locate, use, evaluate, and synthesize public health information