

# BACHELOR OF SCIENCE IN APPLIED SCIENCE IN PUBLIC HEALTH 4+1 MPH TRACK

## Program Director

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## Overview

### Public Health

The public health program offers the Bachelor of Science in Applied Science (BSAS) degree that can be completed in eight semesters if students average 16 hours per semester. Students may choose one of the following emphasis areas:

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

Students who opt to participate in the 4+1 track may go on to complete their MPH in 1 year following the completion of their BSAS in Public Health. Students applying for the MPH program must have a minimum GPA of 2.75.

The curriculum for the YSU bachelor's degree in public health addresses each of the five core areas 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 Public Health Core Competencies, and requires an internship tailored to the area of public health interests of each student. All of the major courses 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:

- Assess individual and community health needs
- Plan and implement effective health education and health promotion programs
- Coordinate and manage the provision of health education and promotion services
- Effectively communicate health and health education needs, concerns, and resources
- Conduct program evaluation

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 SS 1500	Strong Start Success Seminar	
or HONR 1500	Intro to Honors	

### General Education Requirements

ENGL 1550	Writing 1	3-4
or ENGL 1549	Writing 1 with Support	
ENGL 1551	Writing 2	3
CMST 1545	Communication Foundations	3

### Mathematics requirement (one of the following):

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	

**Natural Science (7 s.h.) (2 courses, 1 with lab)** 7

**Arts and Humanities (6 s.h.) (2 courses)** 6

### Social Science Electives (6 s.h.)

PHLT 1531	Fundamentals of Public Health	Required for major	3
Social Science Elective			3

### Social & Personal Awareness (6 s.h.)

PHLT 1568	Healthy Lifestyles	Required for major	3
PHLT 1513	Introduction to Environmental Health and Safety	Required for major	3

### Required Courses (41 s.h.)

PHLT 1550	Public Health Advocacy and Policy	2	
PHLT 3702	Health Education Theory and Methods	3	
PHLT 4826	Community Health Planning and Promotion	4	
PHLT 4827	Evaluation of Health Promotion Programs	3	
AHLT 3708	Preventive Public Health Care	3	
AHLT 4806	Research Methods	3	
AHLT 4810	Management Skills for Health Professionals	3	
PHLT 4891	Public Health Internship	8	
PHLT 4899	Public Health Senior Seminar	3	
AHLT 5807	Epidemiology	3	
MPH 6901	Public Health Concepts	Counts toward graduate credit	3
MPH 6904	Biostatistics in Public Health	Counts toward graduate credit	3

### Choose one of the PHLT Emphasis Areas (15 s.h.) 15

#### Health Education and Promotion

PHLT 2607	Ethical Issues in Public Health
PHLT 2692	Human Sexuality
PHLT 3791	Community Health
PHLT 5804	Multicultural Health
PHLT 5812	Crisis Management in Public Health

#### Environmental Health

PHLT 3709	Elements of Urban Environmental Health Practices
PHLT 3791	Community Health
AHLT 4808	Environmental Health Concerns
PHLT 5810	Agents of Mass Casualty
PHLT 5812	Crisis Management in Public Health

#### Generalist

Any Combination of courses from the Health Education and Promotion/ Environmental concentrations above totaling 15 hours

### PHLT Upper Division Electives (6 s.h.) 6

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 3709	Elements of Urban Environmental Health Practices
PHLT 3725	Topics in Public Health
PHLT 3731	Drug Use and Abuse

PHLT 3757	Health and Disease
PHLT 4828	Grant Writing
PHLT 5804	Multicultural Health
PHLT 5810	Agents of Mass Casualty
AHLT 3740	Pathology of Infectious Diseases
AHLT 4808	Environmental Health Concerns
PHLT 5812	Crisis Management in Public Health
AHLT 5816	Environmental Regulations
AHLT 5831	Industrial Hygiene

The above 5800 level courses may count toward both undergraduate and graduate credit in addition to MPH 6901 and 6904. A maximum of 9 credit hours may double count for both undergraduate and graduate credit.

<b>Additional Electives or Minor Coursework (20 s.h.)</b>	<b>20</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**

<b>Fall</b>		<b>S.H.</b>
YSU 1500	Success Seminar	1-2
or SS 1500	or Strong Start 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	2
PHLT 1568	Healthy Lifestyles	3
<b>Semester Hours</b>		<b>15-17</b>

**Spring**

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	
ENGL 1551	Writing 2	3
PHLT 3702	Health Education Theory and Methods	3
Natural Science Gen Ed		3
Arts and Humanities Gen Ed		3
<b>Semester Hours</b>		<b>15-18</b>

**Year 2**

<b>Fall</b>		
PHLT 1513	Introduction to Environmental Health and Safety	3
PHLT 4826	Community Health Planning and Promotion	4
AHLT 4806	Research Methods	3
Social Science Gen Ed		3
Natural Science + Lab Gen Ed		4
<b>Semester Hours</b>		<b>17</b>

**Spring**

PHLT 4827	Evaluation of Health Promotion Programs	3
AHLT 3708	Preventive Public Health Care	3
PHLT Upper Division Elective		3
Arts and Humanities Gen Ed		3

Elective or Minor	3	
<b>Semester Hours</b>		<b>15</b>

**Year 3**

<b>Fall</b>		
AHLT 5807	Epidemiology	3
PHLT Emphasis Area Course		3
Elective or Minor		3
Elective or Minor		3
Elective or Minor		3
<b>Semester Hours</b>		<b>15</b>

**Spring**

PHLT Emphasis Area Course	3	
PHLT Emphasis Area Course	3	
PHLT Emphasis Area Course	3	
Elective or Minor	3	
Elective or Minor	3	
<b>Semester Hours</b>		<b>15</b>

**Year 4**

<b>Fall</b>		
AHLT 4810	Management Skills for Health Professionals	3
PHLT Emphasis Area Course		3
MPH 6901	Public Health Concepts	3
MPH 6904	Biostatistics in Public Health	3
<b>Semester Hours</b>		<b>12</b>

**Spring**

PHLT 4891	Public Health Internship	8
PHLT 4899	Public Health Senior Seminar	3
PHLT Emphasis Area Course		3
Elective or Minor		2
<b>Semester Hours</b>		<b>16</b>

<b>Total Semester Hours</b>		<b>120-125</b>
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- While completing the BSAS in Public Health, 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 to major.

## Learning Outcomes

The student learning outcomes for public health are as follows:

- At the conclusion of the BSAS in Public Health program students will demonstrate competency in the following domains:
  - Data Analytics and Assessment Skills
  - Policy Development and Program Planning Skills
  - Communication Skills
  - Health Equity Skills
  - Community Partnership Skills
  - Public Health Science Skills
  - Management and Finance Skills
  - Leadership and Systems Thinking Skills