

# BACHELOR OF SCIENCE IN APPLIED SCIENCE IN PUBLIC HEALTH

## Program Director

Lauren Iagulli  
(330) 941-4680  
lmiagulli01@ysu.edu

## Overview Public Health

The Bachelor of Science in Applied Science (BSAS) in Public Health degree 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

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

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). 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

Public health professionals work in multiple settings: public health agencies, non-profit organizations, academic, private, and other health care settings.

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
PHLT 1513	Introduction to Environmental Health and Safety (required for the major)	3
<b>Required Courses</b>		
PHLT 1550	Public Health Advocacy and Policy	2
PHLT 3702	Health Education Theory and Methods	3
PHLT 3708	Preventive Public Health Care	3
PHLT 4826	Community Health Planning and Promotion	4
PHLT 4827	Evaluation of Health Promotion Programs	3
PHLT 4891	Public Health Internship	8
PHLT 4899	Public Health Senior Seminar	3
AHLT 4806	Research Methods	3
AHLT 4810	Management Skills for Health Professionals	3
AHLT 5807	Epidemiology	3
<b>Choose one of the PHLT Emphasis Areas (15 s.h.):</b>		<b>15</b>
<b>Health Education and Promotion</b>		
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	
<b>Environmental Health</b>		
PHLT 3709	Elements of Urban Environmental Health Practices	
PHLT 3791	Community Health	
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 15 semester hours		
<b>PHLT Upper Division Electives (12 s.h.)</b>		<b>12</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 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>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**

		S.H.
<b>Fall</b>		
YSU 1500 or YSU 1500S or HONR 1500	Success Seminar or Youngstown State University Success Seminar or Intro to Honors	1-2
ENGL 1550 or ENGL 1549	Writing 1 or Writing 1 with Support	3-4
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**

ENGL 1551	Writing 2	3
MATH 2623 or MATH 2623C or STAT 2601 or STAT 2625 or STAT 2625C	Quantitative Reasoning or Quantitative Reasoning with Co-Requisite Support or Introductory Statistics or Statistical Literacy and Critical Reasoning or Statistical Literacy and Critical Reasoning with Co-Requisite Support	3-6
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
PHLT 3708	Preventive Public Health Care	3
Arts and Humanities Gen Ed.		3
Elective or Minor		3

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

**Year 3**

**Fall**

AHLT 5807	Epidemiology	3
PHLT Emphasis Area Course		3
PHLT Upper Division Elective		3
Elective or Minor		3
Elective or Minor		3

<b>Semester Hours</b>	<b>15</b>
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**Spring**

PHLT Emphasis Area Course	3
PHLT Emphasis Area Course	3
PHLT Upper Division Elective	3
Elective or Minor	3
Elective or Minor	3

<b>Semester Hours</b>	<b>15</b>
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**Year 4**

**Fall**

AHLT 4810	Management Skills for Health Professionals	3
PHLT Emphasis Area Course		3
PHLT Upper Division Elective		3
Elective or Minor		2
Elective or Minor		3

<b>Semester Hours</b>	<b>14</b>
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**Spring**

PHLT 4891	Public Health Internship	8
PHLT 4899	Public Health Senior Seminar	3
PHLT Emphasis Area Course		3

<b>Semester Hours</b>	<b>14</b>
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<b>Total Semester Hours</b>	<b>120-125</b>
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- 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:

- 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