

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

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.

Students who choose the Bachelor of Science in Applied Science (BSAS) in Public Health 4+1 track can earn 9 semester hours of dual credit, which can apply to both their undergraduate and graduate degrees. After completing their BSAS in Public Health, they can finish their Master of Public Health (MPH) in just one year. Applicants to the MPH program must have a minimum GPA of 2.75.

The 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

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.

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.

Graduates of the BSAS in Public Health are well-prepared to 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.
FIRST YEAR REQUIREMENT - STUDENT SUCCESS		
YSU 1500	Success Seminar	1-2
or YSU 1500S	Youngstown State University 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
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 <small>Required for major</small>	3
Social Science Elective		3
General Education Electives (9 s.h.)		
PHLT 1568	Healthy Lifestyles <small>Required for major</small>	3
CMST 1545	Communication Foundations	3
Gen Ed. Elective of Choice		3
Required Courses		
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
Choose one of the PHLT Emphasis Areas (12 s.h.)		12
Health Education and Promotion		
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	
Environmental Health		
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	
Generalist		

Any Combination of courses from the Health Education and Promotion/ Environmental concentrations above totaling 12 hours	
PHLT Upper Division Electives (12 s.h.)	12
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 3751 Public Health Impact of War and Conflict	
PHLT 3757 Health and Disease	
PHLT 4808 Environmental Health Concerns	
PHLT 4828 Grant Writing	
PHLT 5893 Workshop in Health Education	
AHLT 3740 Pathology of Infectious Diseases	
AHLT 5816 Environmental Regulations	
AHLT 5831 Industrial Hygiene	
DUAL CREDIT REQUIREMENTS	
MPH 6901 Public Health Concepts	3
MPH 6904 Biostatistics in Public Health	3
Select 1 of the 5800 level courses below. A maximum of 9 credit hours may double count for both undergraduate and graduate credit.	3
PHLT 5804 Multicultural Health	
PHLT 5810 Agents of Mass Casualty	
PHLT 5812 Crisis Management in Public Health	
Additional Electives or Minor Coursework	13
Total Semester Hours	120-125
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	
Fall	
YSU 1500S Youngstown State University Success or YSU 1500 Seminar or HONR 1500 or Success Seminar or Intro to Honors	1-2
ENGL 1550 Writing 1 or ENGL 1549 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	3
PHLT 1568 Healthy Lifestyles	3
Semester Hours	16-18
Spring	
ENGL 1551 Writing 2	3
MATH 2623 Quantitative Reasoning 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	3-6
Natural Science Gen Ed	3
Arts and Humanities Gen Ed	3
Gen Ed. Elective	3
Semester Hours	15-18

Year 2	
Fall	
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
Semester Hours	16
Spring	
PHLT 1513 Introduction to Environmental Health and Safety	3
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	
PHLT 4826 Community Health Planning, Implementation, and Evaluation	3
AHLT 5807 Epidemiology	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
MPH 6901 Public Health Concepts	3
MPH 6904 Biostatistics in Public Health	3
Elective or Minor	1
Semester Hours	13
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
<ul style="list-style-type: none"> • 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:

- 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