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 fails 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 exam. 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 exam.

The environmental health and safety track prepares students to be sanitarians/sanitarians-in-training. Sanitarians 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.ysu.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:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>TITLE</th>
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<tbody>
<tr>
<td>ENGL 1550</td>
<td>Writing 1</td>
</tr>
<tr>
<td>or ENGL 1549</td>
<td>Writing 1 with Support</td>
</tr>
<tr>
<td>CMST 1545</td>
<td>Communication Foundations</td>
</tr>
<tr>
<td>MATH 2623</td>
<td>Quantitative Reasoning</td>
</tr>
<tr>
<td>PHIL 1560</td>
<td>Introduction to Philosophy (fulfills major requirement)</td>
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<tr>
<td>or PHIL 2625</td>
<td>Introduction to Professional Ethics</td>
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One additional Arts and Humanities course

BIOI 2601 | General Biology: Molecules and Cells (required for major) |

One additional Natural Sciences course

GEOL 1500 | Environmental Geology |

SOC 1500 | Introduction to Sociology (required for major) |

PHLT 1568 | Healthy Lifestyles (required for major) |

PHLT 1531 | Fundamentals of Public Health (required for major) |

PHLT 1500 | Introduction to Online Learning in Health Professions |

Core Requirements

<table>
<thead>
<tr>
<th>COURSE</th>
<th>TITLE</th>
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<tbody>
<tr>
<td>PHLT 2607</td>
<td>Ethical Issues in Public Health</td>
</tr>
<tr>
<td>PHLT 3702</td>
<td>Health Education Theory and Methods</td>
</tr>
<tr>
<td>PHLT 3709</td>
<td>Elements of Urban Environmental Health Practices</td>
</tr>
<tr>
<td>PHLT 3725</td>
<td>Topics in Public Health</td>
</tr>
<tr>
<td>PHLT 3757</td>
<td>Health and Disease</td>
</tr>
<tr>
<td>PHLT 3791</td>
<td>Community Health</td>
</tr>
<tr>
<td>PHLT 4826</td>
<td>Community Health Planning and Promotion</td>
</tr>
<tr>
<td>PHLT 4827</td>
<td>Evaluation of Health Promotion Programs</td>
</tr>
<tr>
<td>PHLT 4828</td>
<td>Grant Writing</td>
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Bachelor of Science in Applied Science in Public Health, Environmental Health Track

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

### Year 1

**Fall**
- YSU 1500 Success Seminar 1
- PHLT 1531 Fundamentals of Public Health 3
- PHLT 1568 Healthy Lifestyles 3
- PHLT 1513 Introduction to Environmental Health and Safety 3

**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

**Total Semester Hours** 12-17

### 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

**Spring**
- PHLT 3725 Topics in Public Health 3
- PHLT 3757 Health and Disease 4
- AHLT 4808 Environmental Health Concerns 3

**Total Semester Hours** 3-4

### Year 3

**Fall**
- PHLT 4826 Community Health Planning and Promotion 4
- AHLT 5831 Industrial Hygiene 3
- AHLT 4806 Research Methods 3
- PHLT 2607 Ethical Issues in Public Health 3
- SOC 1500 Introduction to Sociology 3

**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

**Total Semester Hours** 3-4

### 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

**Spring**
- GEOL 1500 Environmental Geology 4
- PHLT 4892 Environmental Health and Safety Internship 8

**Total Semester Hours** 12-124

- 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 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.