

SCHOOL OF NURSING AND ALLIED HEALTH SCIENCES PUBLIC HEALTH

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<https://bulldog.swosu.edu/academics/allied-health/public-health/index.php>

GOALS

The Public Health major is a 4-year baccalaureate degree option designed to meet the following goals:

1. To develop alumni who will have the knowledge and skills to benefit, promote, and protect the health of their communities.
2. To offer an academic program that will provide students the opportunity to graduate with the following knowledge and skills which would allow them to enter the workforce upon graduation as a public health professional.
 - a. History and philosophy of public health.
 - b. Basic concepts, methods and tools of public health data collection use and analysis.
 - c. Concepts of population health, including the processes, approaches and interventions that identify and address major health-related needs and concerns of populations.
 - d. The underlying science of human health and disease, including opportunities for promoting and protecting health across the life course.
 - e. Socioeconomic, behavioral, biological, environmental and other factors that impact human health and contribute to health disparities.
 - f. The concepts and feature of project implementation, planning, assessment and evaluation.
 - g. The fundamental characteristics and organizational structures of the US health care system as well as differences between systems in other countries.
 - h. Basic concepts of legal, ethical, economic, and regulatory dimensions of health care and public health policy and the roles, influences and responsibilities of the different agencies and branches of government.
 - i. Basic concepts of public health specific communication, including technical and professional writing and the use of mass media and electronic technology.
3. To offer an academic program that students may use as a pre-professional track to pursue further graduate education in the public health or healthcare field

PROGRAMS OF STUDY

Major: Public Health

Minor: Choice of Business, Chemistry, Physics, Psychology, Computer Science, Health and Wellness, and others with approval.

GENERAL INFORMATION

The Bachelor of Science in Public Health is a degree plan that provides students interested in the public health or healthcare professions an opportunity to pursue further educational opportunities. Furthermore, it provides students seeking to pursue employment in public health an opportunity to join the workforce upon graduation. The major requirements for the Public Health degree include courses that are cornerstones of the field of public health and will provide a solid background of knowledge in this field. This degree plan offers flexibility to students who are interested in certain course sequences or who need to take pre-requisite courses to qualify for admission to graduate programs in health care.

BACHELOR OF SCIENCE PUBLIC HEALTH MAJOR (PBHLT.BS)

GENERAL EDUCATION (Min. 40 hours)

Courses that are required. *Courses that are recommended.*

Communication..... 9

| | | |
|------|------|--|
| ENGL | 1113 | English Composition I |
| ENGL | 1213 | English Composition II |
| COMM | 1313 | Introduction to Public Speaking OR |
| TECH | 3143 | Technical Presentations (if permitted by degree program) |

Quantitative Reasoning 3

Select one course.

| | | |
|------|------|---------------------------|
| MATH | 1143 | Mathematical Concepts |
| MATH | 1153 | Mathematical Applications |
| MATH | 1193 | Elementary Statistics |
| MATH | 1313 | Functions and Modeling |
| MATH | 1513 | College Algebra |

or a higher numbered math course

U. S. History 3

Select one course.

| | | |
|------|------|-------------------------|
| HIST | 1043 | U.S. History to 1877 |
| HIST | 1053 | U.S. History since 1877 |

American Government..... 3

| | | |
|-------|------|--------------------------------|
| POLSC | 1103 | American Government & Politics |
|-------|------|--------------------------------|

Science..... 7-8

Select one course from Life Science and one course from Physical Science. One Science course must be a lab science.

Life Science.....3-4

| | | |
|------|------|-------------------------------|
| BIOL | 1004 | Biological Concepts w/Lab |
| BIOL | 1013 | Current Issues in Biology |
| BIOL | 1054 | Principles of Biology I w/Lab |

Physical Science.....3-4

| | | |
|-------|------|--|
| ASTRO | 1904 | Astronomy |
| CHEM | 1004 | General Chemistry w/Lab |
| GEOL | 1934 | Physical Geology w/Lab |
| PHY | 1044 | Basic Physics I w/Lab |
| PHY | 1063 | General Physics (or a higher numbered chemistry or physics course) |
| SCI | 1501 | Concepts of Physical Science Lab |
| SCI | 1513 | Conc of Phy Science (can be taken w/wo lab) |

Humanities and Social Science12

Select one course from each sub-category and one additional course from any subcategory below.

Humanities 3

| | | |
|------|------|----------------------------|
| GEOG | 1103 | World Cultural Geography |
| HIST | 1033 | World History |
| HUM | 1103 | Introduction to Humanities |

Fine Arts..... 3

| | | |
|-------|------|---------------------------------------|
| ART | 1223 | Art Survey |
| COMM | 1263 | Introduction to Theatre |
| LIT | 2333 | Introduction to Film |
| LIT | 2413 | Introduction to Literature |
| MUSIC | 1013 | Introduction to Music I |
| MUSIC | 1103 | Music and Culture (Music majors only) |
| MUSIC | 1123 | History of Rock-n-Roll |
| PHILO | 1453 | Introduction to Philosophy |

Social and Human Sciences..... 3

| | | |
|-------|------|---------------------------------------|
| ASL | 2163 | American Sign Language I |
| ECONO | 2263 | Intro to Macroeconomics |
| ECONO | 2363 | Intro to Microeconomics |
| ENTRP | 1123 | Intro to Business |
| FINAN | 2113 | Personal Financial Planning |
| ITAL | 1004 | Elementary Italian I |
| KINES | 1133 | Wellness Conc & Exercise Applications |
| LATIN | 1054 | Elementary Latin I (or higher number) |
| PSYCH | 1003 | General Psychology |
| SOCIO | 1003 | Introduction to Sociology |

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|------|------|---|
| SPAN | 1054 | Elementary Spanish I (or higher number) |
| TECH | 1223 | Technology and Society |

Computer Proficiency0-3

COMSC 1023 Computers and Info Access, or a department-assigned course which satisfies the Computer Proficiency in the major, or the SWOSU Proficiency Exam, or HS course clearly defined to meet our goals.

GE Elective.....0-3

Students who meet the computer proficiency by exam or HS course must choose an additional GE course from any category.

PUBLIC HEALTH MAJOR

Required: Public Health Core34

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|-------|------|------------------------------------|
| ALHLT | 1323 | Introduction to Public Health |
| ALHLT | 2323 | Health Promotion and Protection |
| ALHLT | 3183 | Cultural Competency in Health Care |
| ALHLT | 3193 | U.S. Health Care System |
| ALHLT | 4043 | Healthcare Law & Ethics |
| ALHLT | 3933 | Healthcare Management |
| ALHLT | 3963 | Healthcare Project Management |
| ALHLT | 4074 | Pathophysiology |
| ALHLT | 3043 | Health Statistics |
| ALHLT | 4093 | Epidemiology |
| ALHLT | 4143 | Public Health Capstone |

Electives.....20

Choose from:

| | | |
|-------|--------|---|
| ALHLT | 2333 | Introduction to Environmental Health |
| ALHLT | 3053 | Advanced Medical Terminology |
| ALHLT | 3073 | Diagnostics, Drugs & Therapeutics |
| ALHLT | 3861-4 | Health Science Internship |
| ALHLT | 4123 | Healthcare Revenue Cycle |
| BIOL | 3704 | Human Anatomy |
| BIOL | 3904 | Human Physiology |
| BIOL | 1254 | Principles of Biology II (Genetics pre-req) |
| BIOL | 3254 | Genetics |
| BIOL | 4213 | Immunology |
| BIOL | 4355 | Microbiology (Immunology pre-req) |
| HIM | 3363 | Healthcare Compliance & Risk Mgmt |
| HIM | 3122 | Intro. to the Electronic Health Record |
| HIM | 4113 | Healthcare Quality Measures |
| PHY | 1044 | Basic Physics I |
| PHY | 1054 | Basic Physics II |
| PSYCH | 3213 | Developmental Psychology |
| TECH | 3143 | Technical Presentations |
| KINES | 1153 | Nutrition |

Minor 18-22

Free Electives to total..... 120

Students should visit with their advisor prior to enrollment to assure proper sequencing of courses.

REGULATIONS PERTAINING TO GRADUATION

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|---|------|
| Minimum Credit Hours for Graduation | 120 |
| Minimum credit hours in the liberal arts & sciences | 55 |
| Minimum credit hours in upper-division (3000/4000 courses) | 40 |
| Min. Credit Hours (3000/4000 courses) in major completed at SWOSU | |
| Minimum credit hours at SWOSU (15 of the last 30) | 30 |
| Minimum Grade Point Average in all coursework | 2.25 |
| Minimum Grade Point Average in major | 2.25 |

PUBLIC HEALTH (PBHLT.BS) Suggested Course Sequence

FIRST YEAR

| FIRST SEMESTER | SECOND SEMESTER |
|--|--|
| 1051 SWOSUConnect* (1) 1054 Principles of Biology I w/lab OR 1004 Biological Concepts w/lab (4) 1113 English Comp I (3) 1323 Intro to Public Health (3) 1513 College Algebra (3) General Education (1-4) Total (15-18) | 1203 Chemistry I & 1252 Chemistry I Lab OR 1004 Gen. Chemistry w/lab (4-5) 1213 English Comp II (3) 2323 Health Promotion & Protection (3) General Education (1-4) Total (12-15) |

SECOND YEAR

| FIRST SEMESTER | SECOND SEMESTER |
|--|---|
| 3183 Cultural Competence in Healthcare (3) 3193 U.S. Healthcare System (3) Course in Minor (3) General Education (1-4) Public Health Elective (3-4) Total (13-17) | 3933 Healthcare Management (3) 4043 Healthcare Law & Ethics (3) Course in Minor (3) General Education (1-4) Public Health Elective (3-4) Total (13-17) |

THIRD YEAR

| FIRST SEMESTER | SECOND SEMESTER |
|---|--|
| 3043 Health Statistics w/lab (3) 3963 Healthcare Project Management (3) Course in Minor (3) General Education (1-4) Public Health Elective (3-4) Total (13-17) | 4074 Pathophysiology (4) 4093 Epidemiology (3) Course in Minor (3) General Education (1-4) Public Health Elective (3-4) (Total 14-18) |

FOURTH YEAR

| FIRST SEMESTER | SECOND SEMESTER |
|--|--|
| 4143 Public Health Capstone (3) Course in Minor (3) General Education (1-4) Public Health Elective (3-4) Public Health Elective (3-4) Total (13-18) | Course in Minor (3) Free Elective (3-4) General Education (1-4) Public Health Elective (3-4) Public Health Elective (3-4) Total (13-19) |

*First time entering SWOSU students need to take 1051 SWOSUConnect.