

SCHOOL OF NURSING AND ALLIED HEALTH SCIENCES PUBLIC HEALTH

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<https://www.swosu.edu/academics/academic-departments/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)

Bolded courses are required. *Italicized courses 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 Science 12

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

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

Computer Proficiency 0-3

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 Core 34

- 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

- 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 with lab OR 1004 Biological Concepts with lab (4) 1113 English Composition I (3) 1323 Introduction to Public Health (3) 1513 College Algebra (3)	1203 Chemistry I & 1252 Chemistry I Lab OR 1004 General Chemistry with lab (4-5) 1213 English Composition II (3) 2323 Health Promotion and Protection (3) General Education Course (3)
Total (14)	Total (13-14)

SECOND YEAR

FIRST SEMESTER	SECOND SEMESTER
3183 Cultural Competence in Healthcare (3) 3193 U.S. Healthcare System (3) Course in Minor (3) General Education Course (3) Public Health Elective (3-4)	3933 Healthcare Management (3) 4043 Healthcare Law & Ethics (3) Course in Minor (3) General Education Course (3) Public Health Elective (3-4)
Total (15-16)	Total (15-16)

THIRD YEAR

FIRST SEMESTER	SECOND SEMESTER
3043 Health Statistics with lab (3) 3963 Healthcare Project Management (3) Course in Minor (3) General Education Course (3) Public Health Elective (3-4)	4074 Pathophysiology (4) 4093 Epidemiology (3) Course in Minor (3) General Education Course (3) Public Health Elective (3-4)
Total (15-16)	(Total 16-17)

FOURTH YEAR

FIRST SEMESTER	SECOND SEMESTER
4143 Public Health Capstone (3) Course in Minor (3) General Education Course (3) Public Health Elective (3-4) Public Health Elective (3-4)	Course in Minor (3) Free Elective (3-4) General Education Course (3) Public Health Elective (3-4)
Total (15-17)	Total (12-14)

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