

## SCHOOL OF NURSING AND ALLIED HEALTH SCIENCES PUBLIC HEALTH

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### 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 (Code No. 557)

### GENERAL EDUCATION

Courses that are **required** are in bold type.  
Courses that are *recommended* are in italics.

**TOTAL GENERAL EDUCATION HOURS** ..... **Min. 40**  
**REQUIRED CORE COURSES**..... **31-35**

**Written Communication**..... **6**

**ENGL 1113 English Composition I**  
**ENGL 1213 English Composition II**

**Mathematics**..... **3**

**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**

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

**Life Science**..... **4**

**BIOL 1004 Biological Concepts w/Lab OR**  
**BIOL 1054 Principles of Biology I w/Lab**

**Physical Science**..... **4**

**CHEM 1004 General Chemistry w/Lab**  
**or a higher numbered chemistry or physics course**

**Humanities** ..... **6**

**HUM 1103 Introduction to Humanities**

**OR**

**HIST 1033 World History**

**AND one of the following:**

**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**

**PHILO 1453 Introduction to Philosophy**

**Human, Cultural, & Social Diversity** ..... **3-4**

*COMM 1313 Introduction to Public Speaking*

**Computer Proficiency**..... **0-3**

Students must demonstrate computer proficiency (high school Computer Science course, SWOSU computer proficiency exam, or COMSC 1023 Computer & Info Access).

**GE electives (from two different categories) to total** ..... **40**

**PSYCH 1003 General Psychology**

**XXXX XXX3 GE Elective from Category I, II, or IV**

### 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 (Code 557) Suggested Course Sequence

### FIRST YEAR

FIRST SEMESTER	SECOND SEMESTER
1001 Freshmen Orientation (1) 1054 Principles of Biology I w/lab <b>OR</b> 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 <b>OR</b> 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)