

PUBLIC HEALTH, B.S.

Learning Outcomes

1. Students will illustrate the contributions of a range of disciplines and professions in improving the health of the public.
2. The student will demonstrate the ability to utilize information from various contexts in the field of public health.
3. Students will understand the role of the socio-behavioral sciences in the determinants and prevention of public health problems; understand and discuss the importance and influence of social and cultural factors and their effects on public health; and explain how public health can utilize social and behavioral interventions to improve the health of populations.
4. Student will understand the role of the physical and natural sciences in the determinants of and relationship to problems in the health of the public.
5. The student will discuss individual and social accountability including civic responsibility and ethical reasoning as they apply to the health of populations.
6. The student will use suitable technologies, scientific inquiry skills and communication strategies to conduct locate and use information on public health issues.
7. The student will demonstrate proficient reasoning and critical thinking including the ability to analyze, synthesize and evaluate information to make sound decisions and solve problems as they apply to public health.

Admission Requirements

Incoming freshmen who meet University of South Carolina admissions standards are eligible for admission to the degree programs offered by the Arnold School of Public Health. Transfer admission requires school approval as well as prerequisite conditions detailed with the specific programs.

Degree Requirements (120 hours)

See Arnold School of Public Health (<https://academicbulletins.sc.edu/undergraduate/public-health/>) for progression requirements and other regulations.

Program of Study

Requirements	Credit Hours
1. Carolina Core	32-44
2. College Requirements	12-15
3. Program Requirements	32-44
4. Major Requirements	32

Founding Documents Requirement

All undergraduate students must take a 3-credit course or its equivalent with a passing grade in the subject areas of History, Political Science, or African American Studies that covers the founding documents including the United State Constitution, the Declaration of Independence, the Emancipation Proclamation and one or more documents that are foundational to the African American Freedom struggle, and a minimum of five essays from the Federalist papers. This course may count as a requirement in any part of the program of study including the Carolina Core, the major, minor or cognate, or as a general elective. Courses that

meet this requirement are listed here (<https://academicbulletins.sc.edu/undergraduate/founding-document-courses/>).

1. Carolina Core Requirements (32-44 hours)

CMW – Effective, Engaged, and Persuasive Communication: Written (6 hours)

Must be passed with a grade of C or higher

- ENGL 101
- ENGL 102

ARP – Analytical Reasoning and Problem Solving (6-7 hours)

Must be passed with a grade of C or higher

- MATH 122 or MATH 141
- STAT 201 or STAT 205

SCI – Scientific Literacy (8 hours)

Must be passed with a grade of C or higher

- BIOL 101
- BIOL 101L
- BIOL 102
- BIOL 102L

GFL – Global Citizenship and Multicultural Understanding: Foreign Language (0-6 hours)

Students shall demonstrate in one foreign language the ability to comprehend the topic and main ideas in written and, with the exception of Latin and Ancient Greek, spoken texts on familiar subjects. This ability can be demonstrated by achieving a score of two or better on a USC foreign language test. Those failing to do so must satisfactorily complete equivalent study of foreign language at USC.

- CC-GFL courses (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

GHS – Global Citizenship and Multicultural Understanding: Historical Thinking (3 hours)

- any CC-GHS course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

GSS – Global Citizenship and Multicultural Understanding: Social Sciences (3 hours)

Must be passed with a grade of C or higher

- PSYC 101

AIU – Aesthetic and Interpretive Understanding (3 hours)

- any CC-AIU course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

CMS – Effective, Engaged, and Persuasive Communication: Spoken Component ¹ (0-3 hours)

- any overlay or stand-alone CC-CMS course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

INF – Information Literacy ¹ (0-3 hours)

- any overlay or stand-alone CC-INF course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

VSR – Values, Ethics, and Social Responsibility ¹ (0-3 hours)

- any overlay or stand-alone CC-VSR course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

¹ **Carolina Core Stand Alone or Overlay Eligible Requirements** – Overlay-approved courses offer students the option of meeting two Carolina Core components in a single course. A maximum of two overlays is allowed. The total Carolina Core credit hours must add up to a minimum of 31 hours. At least one of these requirements must be satisfied by a course not applied elsewhere in general education. (3-9 Hours)

2. College Requirements (12-15 hours)

Must be passed with a grade of C or higher

Course	Title	Credits
EPID 410	Principles of Epidemiology	3
EXSC 191	Physical Activity and Health	3
PUBH 302	Introduction to Public Health	3
SOCY 101	Introductory Sociology	3
UNIV 101	The Student in the University (transfer students are not required to take this course)	3
Total Credit Hours		15

3. Program Requirements (32-44 hours)

Supporting Courses (20-21 hours)

Must be passed with a grade of C or higher

Course	Title	Credits
CHEM 111	General Chemistry I	3
CHEM 111L	General Chemistry I Lab	1
PHYS 201	General Physics I	3
PHYS 201L	General Physics Laboratory I	1
Select one of the following:		4
CHEM 112 & 112L	General Chemistry II and General Chemistry II Lab	
PHYS 202 & 202L	General Physics II and General Physics Laboratory II	
Total Credit Hours		12

Program Electives (8-9 hours): Each student must complete 8-9 credit hours of related courses (300 level or above) to support coursework in the major. All major specific electives must be approved by the student's academic advisor. A minimum grade of C in these courses is required.

Courses offered by departments and programs that are acceptable for program elective credit are outlined here (<https://academicbulletins.sc.edu/undergraduate/public-health/courses-acceptable-cognate/>).

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Natural Science Cognate (12 hours)

Must be passed with a grade of C or higher

Each student must complete a cognate of 12 credit hours of natural and physical sciences. The cognate is intended to support the course work in the major. Depending on student interests, cognate courses may be selected from one or several units. A cognate differs from a minor in that the courses must be 300 level or above and may be distributed over more than one subject area. Courses applied toward minimum Carolina Core requirements cannot be counted toward the cognate. All cognate courses must be approved by the student's academic advisor.

The list of course options for the Natural Science Cognate are outlined here (<https://academicbulletins.sc.edu/undergraduate/public-health/natural-sciences-cognate/>).

Minor (18 hours) optional

Students majoring in Public Health may pursue minors offered by other units. In completing a minor, students may apply advisor-approved courses to both the minor and cognate, or elective requirements.

Electives (0-12 hours)

Students in Public Health must complete a minimum of 120 credit hours. Depending on specific course choices, students must complete an appropriate number of elective courses.

4. Major Requirements (32 hours)

A minimum grade of C is required in all major courses

Course	Title	Credits
ENHS 321	Environmental Pollution and Health	3
EXSC 223	Anatomy and Physiology I	3
EXSC 223L	Anatomy and Physiology I Laboratory	1
EXSC 224	Anatomy and Physiology II	3
EXSC 224L	Anatomy and Physiology II Lab	1
HPEB 300	Introduction to Health Promotion, Education, and Behavior	3
HPEB 470	Principles of Global Health	3
HPEB 553	Community Health	3
HSPM 412	Health Economics	3
HSPM 500	Introduction to Health Care Management and Organization	3
COMD 500	Introduction to Speech-Language Pathology and Audiology	3
or EXSC 410	Psychology of Physical Activity	
PUBH 498	Public Health Capstone Seminar (Carolina Core Integrative Course, Public Health, BA, BS)	3
Total Credit Hours		32

Major Map

A major map is a layout of required courses in a given program of study, including critical courses and suggested course sequences to ensure a clear path to graduation.

Major maps are only a suggested or recommended sequence of courses required in a program of study. Please contact your academic advisor

for assistance in the application of specific coursework to a program of study and course selection and planning for upcoming semesters.

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