

# HEALTH SCIENCE - PUBLIC HEALTH, BACHELOR OF SCIENCE (BS)

Public Health is a discipline in which professionals deliver health information and health programs for health promotion and disease prevention to populations. Graduates of this program have a broad based background in the field of public health that prepares them for entry level positions in such areas as health promotion, health education, and health data management, along with graduate study in a health-related field.

The Public Health program is very dynamic. Coursework involves service learning experiences within a wide variety of settings. Public Health faculty members conduct on-going research projects in which advanced level students can become involved. Students help professors analyze data and prepare professional conference presentations, which the students actually present under the mentorship of faculty members. Other student activities include the Pennsylvania Public Health Association Collegiate Chapter and the peer health education program run by Slippery Rock University's Student Health Services.

Students are encouraged to take additional coursework or minors in complementary areas of study such as gerontology, information systems, or psychology. The program culminates in a 12-credit internship, which provides hands-on experiences and further insight into career opportunities in public health. Students may select their own internship site or may choose from a database of previously identified sites. Often it is through this internship experience that students discover the branch of public health in which they would like to practice. Students are required to select a major project for their internship experience that demonstrates mastery of entry-level professional skills. Frequently interns remain at their sites as employees following their internships.

Recent graduates have entered positions in state and local health departments, community-based wellness programs, voluntary health agencies such as the American Heart Association or American Cancer Society, federal government health programs, and health insurance companies. Graduates also enter graduate programs in a variety of areas. Many continue their studies to become physician assistants, occupational or physical therapists, nutritionists, and nurses. Others choose to earn a graduate degree in public health.

Upon completion of the Public Health program, students are eligible to sit for the Certified Health Education Specialist (CHES) examination, which is a national credentialing examination for people who wish to practice health education in a community setting. Today, the CHES credential is often preferred or even required for many community health education positions. Graduates who complete our Public Health program successfully pass the CHES examination at a rate well above the national average.

## Program Learning Outcomes

- **Effective Professional Communication:** Communicate with clients in an individual or group setting and with health professionals in a variety of health settings using a combination of communication skills for a clear exchange of ideas and information, listening and comprehending the viewpoints of others, effectively presenting information in oral and written formats and integrating media/technology.

- **Professional Competency:** Use reasoned judgment drawing upon a broad knowledge base from social, behavioral and natural science, education and health to assess, plan, implement, evaluate and coordinate health promotion for individuals and communities.
- **Professional Ethics:** Apply high ethical standards to public health practice with a sensitivity to multicultural traditions, legal issues, and adherence to a code of ethics of professional health organizations.
- **Continual Professional and Personal Development:** Continue personal and professional development in holistic health, including the components of physical, emotional, spiritual, social, environmental and vocational health, through continuing education, advanced study, and participation in professional health organizations

## Related Links

Public Health, BS Program Page (<https://www.sru.edu/academics/majors-and-minors/public-health/>)

Public Health Department Page (<https://www.sru.edu/academics/colleges-and-departments/ches/departments/public-health/>)

Professional Licensure/Certification Page (<https://www.sru.edu/students/student-consumer-information/professional-licensures/>)

## Curriculum Guide

### GPA Requirement

Major GPA: 2.0 or higher

Overall GPA: 2.0 or higher

### Summary\*

Code	Title	Hours
	Rock Studies Requirements	42
	Other Basic Requirements	0-3
	Computer Competency	0-3
	Major Requirements	60
	Natural Science and Math College-Wide Requirements	12
	Electives	17

\* All undergraduate degree programs require a minimum of 120 credits.

Some courses meet multiple requirements, but are only counted once toward the 120 credit total required to graduate.

## Rock Studies Requirements

Code	Title	Hours
<b>The Rock</b>		
SUBJ 139	University Seminar <sup>1</sup>	3
ENGL 102	Critical Writing	3
ENGL 104	Critical Reading	3
STAT 152	Elementary Statistics I	3
Select one of the following:		3
COMM 200	Civil Discourse: Theory & Practice	
PHIL 110	Ethics and Civil Discourse	
POLS 235	Civil Discourse and Democracy	
Subtotal		15

### Integrated Inquiry

*Creative and Aesthetic Inquiry*

Select 3 Credits ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )	3
<i>Humanities Inquiry</i>	
Select 3 Credits ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )	3
<i>Social Science Inquiry</i>	
Select 3 Credits ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )	3
<i>Natural Sciences Inquiry</i>	
BIOL 216 Anatomy and Physiology I with Lab	3
<i>Physical Sciences Inquiry</i>	
SCI 102 Understanding the Physical World	3
Subtotal	15
<b>Thematic Thread</b>	
Select 12 Credits ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> ) <sup>2</sup>	12
<b>Total Hours</b>	<b>42</b>

<sup>1</sup> Course offered in multiple subjects; cannot take course in first major subject.

<sup>2</sup> From at least 3 categories; no more than 6 credits from one department; 6 credits must be 300-level or above.

## Basic Math Requirement

Check with your adviser or a current degree audit report to see if you have been exempted from this course. The credit earned in this course will not be counted toward the 120 credit hour minimum needed to earn a degree.

Code	Title	Hours
Complete one of the following:		0-3
Meet required minimum SAT or ACT math score OR		
ESAP 110	Beginning Algebra	
<b>Total Hours</b>		<b>0-3</b>

## Computer Competency

Code	Title	Hours
Demonstrate "computer competency" by one of the following:		0-3
Pass Computer Competency Exam OR		
Select one of the following at SRU or another post-secondary institution:		
CPSC 100	Introduction to Computing for Liberal Arts	
CPSC 110	Computer Concepts	
CPSC 130	Introduction to Computing and Programming	
PE 202	Technology for Wellness	
<b>Total Hours</b>		<b>0-3</b>

## Major Requirements

- 30 major credits must be taken at SRU or PASSHE
- 30 major credits must be taken at the 300 level or above

Code	Title	Hours
<b>Required Courses in Public Health</b>		
HLTH 103	Health and Behavior Change <sup>1</sup>	3
HLTH 210	Introduction to Public Health <sup>1</sup>	3

HLTH 301	Introduction to Health Education <sup>1</sup>	3
HLTH 309	Introduction to the Study of Disease <sup>1</sup>	3
HLTH 310	Environmental Health <sup>1</sup>	3
HLTH 311	International Health <sup>1</sup>	3
HLTH 312	Data Management for Health Science <sup>1</sup>	3
HLTH 313	Biostatistics <sup>1</sup>	3
HLTH 314	Nutrition and Health <sup>1</sup>	3
HLTH 406	Program Planning and Evaluation <sup>1</sup>	3
HLTH 410	Epidemiology <sup>1</sup>	3
HLTH 440	Public Health Seminar <sup>1</sup>	3
Subtotal		36

### Required Internship

HLTH 450	Internship <sup>1,2</sup>	12
Subtotal		12

### Required Course outside of Major Department

BIOL 210	Medical Microbiology with Lab <sup>3</sup>	3
Subtotal		3

### Supporting Coursework:

Select three courses from the list below:		9
GERO 265	Aging and the Older Person <sup>3</sup>	
GERO 414	Death and Dying <sup>3</sup>	
HCAM 230	US Healthcare Systems <sup>3</sup>	
HLTH 203	Public Health and Physical Activity <sup>3</sup>	
HLTH 211	Women's Health Issues <sup>3</sup>	
HLTH 316	Human Sexuality <sup>3</sup>	
HLTH 408	Public Health Administration	
Subtotal		9
<b>Total Hours</b>		<b>60</b>

<sup>1</sup> Course counts for 50% of Major requirements and Major GPA

<sup>2</sup> 2.50 or higher GPA in the major to be eligible for internship

<sup>3</sup> Course counts for 50% of Major requirements but not for Major GPA

\* Some courses may require pre-requisites. Please see course descriptions to determine if there are any pre-requisites for that specific course.

## Natural Science and Math College-Wide Requirements

Code	Title	Hours
Must complete 9-10 credits (CHEM 111 is required if completing CHEM 107):		
CHEM 107 & CHEM 111 or CHEM 104	General Chemistry I and General Chemistry I Lab Introduction Chemistry I	3-4
STAT 152	Elementary Statistics I	3
BIOL 216	Anatomy and Physiology I with Lab	3

## Co-curricular and Experiential Learning

Students are encouraged to explore additional curricular and co-curricular opportunities. There is a strong correlation between long-term student success and participation in the following types of programs and activities:

1. Conference attendance
2. Service-Learning

- 3. Internships
- 4. Career Education
- 5. Peer Education Opportunities

### Important Curriculum Guide Notes

This Curriculum Guide is provided to help SRU students and prospective students better understand their intended major curriculum. Enrolled SRU students should note that the My Rock Audit may place already-earned and/or in progress courses in different, yet valid, curriculum categories. Enrolled SRU students should use the My Rock Audit Report and materials and information provided by their faculty advisers to ensure accurate progress towards degree completion. *The information on this guide is current as of the date listed. Students are responsible for curriculum requirements at the time of enrollment at the University.*

PASSHE - Pennsylvania State System of Higher Education Institutions

HEALTH SCIENCE - PUBLIC HEALTH (6266)

This program is effective as of Fall 2019.

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### Recommended Four-Year Plan

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
HLTH 103	Health and Behavior Change	3
CHEM 104	Introduction Chemistry I	3
ENGL 102	Critical Writing	3
INDS 101	FIRST Seminar	1
SUBJ 139	University Seminar <sup>1</sup>	3
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
ENGL 104	Critical Reading	3
SCI 102	Understanding the Physical World	3
STAT 152	Elementary Statistics I	3
Creative & Aesthetic Inquiry ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3
Humanities Inquiry ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3
<b>Hours</b>		<b>15</b>
<b>Second Year</b>		
<b>Fall</b>		
HLTH 210	Introduction to Public Health	3
BIOL 216	Anatomy and Physiology I with Lab	3
Social Science Inquiry ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3
Thematic Thread Requirement ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3
Declare a Thematic Thread <sup>2</sup>		
<b>Hours</b>		<b>12</b>
<b>Spring</b>		
HLTH 301	Introduction to Health Education	3
Select one of the following:		3
COMM 200	Civil Discourse: Theory & Practice	
PHIL 110	Ethics and Civil Discourse	

POLS 235	Civil Discourse and Democracy	
Thematic Thread Requirement ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3
Thematic Thread Requirement ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3
Thematic Thread Requirement ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3
<b>Hours</b>		<b>15</b>
<b>Third Year</b>		
<b>Fall</b>		
HLTH 309	Introduction to the Study of Disease	3
HLTH 312	Data Management for Health Science	3
HLTH 314	Nutrition and Health	3
BIOL 210	Medical Microbiology with Lab	3
<b>Hours</b>		<b>12</b>
<b>Spring</b>		
HLTH 310	Environmental Health	3
HLTH 311	International Health	3
HLTH 313	Biostatistics	3
Public Health Elective		3
<b>Hours</b>		<b>12</b>
<b>Fourth Year</b>		
<b>Fall</b>		
HLTH 406	Program Planning and Evaluation	3
Public Health Elective		3
Free Electives		9
<b>Hours</b>		<b>15</b>
<b>Winter</b>		
<b>Potential On-line Winter Courses</b>		
International Health		
<b>Hours</b>		<b>0</b>
<b>Spring</b>		
HLTH 410	Epidemiology	3
HLTH 440	Public Health Seminar	3
Public Health Supporting Coursework		3
Free Electives		5
<b>Hours</b>		<b>14</b>
<b>Summer</b>		
HLTH 450	Internship	12
<b>Potential On-line Summer Courses</b>		
International Health/Women's Health Issues		
<b>Hours</b>		<b>12</b>
<b>Total Hours**</b>		<b>120</b>

<sup>1</sup> Course offered in multiple subjects; cannot take course in first major subject.

<sup>2</sup> Work with your Academic Adviser to declare a Thematic Thread by the end of your fall semester in your second year. Click **here** to declare a thread.

\* Students are encouraged to take INDS 101 as a Free Elective.

\*\* This document is meant to serve as a guide. Some planners may show more than 120 credits because faculty have created flexibility in choosing courses. However, only 120 credits are required to obtain a degree. Please

*consult with your academic adviser and refer to your curriculum guide prior to registering for courses. This plan should be reviewed, and verified, by you and your academic adviser at least once each academic year.*

Major Code: 6266  
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