

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

Slippery Rock University's Public Health Program is well known for the quality of its graduates. Public Health majors are successful at continuing on into graduate programs in the field of health science and finding jobs in a variety of health-related professions.

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 graduate study in a health-related field along with entry level positions in such areas as health promotion, health education, and health data management.

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 at Slippery Rock University.

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. (UO 1)

- **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. (UO 2,3,4)
- **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. (UO 8,9,10)
- **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. (UO 5,7,9)

RELATED LINKS

Public Health, BS Program Page (<https://www.sru.edu/academics/majors-and-minors/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 2 Requirements | 42-44 |
| | Other Basic Requirements | 0-3 |
| | Major Requirements | 60 |
| | Natural Science and Math College-Wide Requirements | 9-11 |
| | Electives | 18 |

* 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 2 REQUIREMENTS

| Code | Title | Hours |
|------------------------------|--|-------|
| The Rock | | |
| SUBJ 139 | Foundations of Academic Discovery ¹ | 3 |
| ENGL 102 | Critical Writing | 3 |
| ENGL 104 | Critical Reading | 3 |
| STAT 152 | Elementary Statistics I | 3 |
| Select one of the following: | | |
| COMM 200 | Civil Discourse: Theory & Practice | |
| PHIL 110 | Ethics and Civil Discourse | |
| POLS 235 | Civil Discourse and Democracy | |
| Subtotal | | 15 |

Integrated Inquiry

| <i>Creative and Aesthetic Inquiry</i> | |
|--|--------------|
| Select 3 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/) | 3 |
| <i>Humanities Inquiry</i> | |
| Select 3 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/) | 3 |
| <i>Social Science Inquiry</i> | |
| Select 3 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/) | 3 |
| <i>Natural Sciences Inquiry</i> | |
| Select one of the following: | 3-4 |
| BIOL 110 The Human Body: Fundamentals of Structure and Physiology | |
| BIOL 209 Human Anatomy and Physiology I | |
| <i>Physical Sciences Inquiry</i> | |
| Select one of the following: | 3-4 |
| CHEM 107 General Chemistry I & CHEM 111 and General Chemistry I Lab | |
| PHYS 201 Elements of Physics I with Lab | |
| SCI 102 Understanding the Physical World | |
| Subtotal | 15-17 |
| Thematic Thread | |
| Select 12 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/) ² | 12 |
| Total Hours | 42-44 |

¹ Course offered in multiple subjects; cannot take course in first major subject.

² One course from each category; six credits must be 300-level or above; no more than 4 credits from one subject area; specific courses required in first major, regardless of prefix of course, cannot be used to satisfy thread requirements; any course with same prefix as first major cannot be used to satisfy thread requirements, even if it is not a course in the first major.

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 | |
| Total Hours | | 0-3 |

DIVERSITY, EQUITY, AND INCLUSION REQUIREMENT

Students must take and pass a course with the Diversity, Equity, and Inclusion (DEI) designation prior to graduation. Students can meet this requirement by taking any DEI - designated course in any program at any time during their undergraduate career.

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 |
|--|---|-----------|
| Required Courses in Public Health | | |
| HLTH 103 | Health and Behavior Change ¹ | 3 |
| HLTH 210 | Introduction to Public Health ¹ | 3 |
| HLTH 301 | Introduction to Health Education ¹ | 3 |
| HLTH 309 | Introduction to the Study of Disease ¹ | 3 |
| HLTH 310 | Environmental Health ¹ | 3 |
| HLTH 311 | Global Health ¹ | 3 |
| HLTH 312 | Data Management for Health Science ¹ | 3 |
| HLTH 313 | Biostatistics ¹ | 3 |
| HLTH 314 | Nutrition and Health ¹ | 3 |
| HLTH 406 | Program Planning and Evaluation ¹ | 3 |
| HLTH 410 | Epidemiology ¹ | 3 |
| HLTH 440 | Public Health Seminar ¹ | 3 |
| Subtotal | | 36 |
| Required Internship | | |
| HLTH 450 | Internship ¹ | 12 |
| Subtotal | | 12 |
| Required Course outside of Major Department | | |
| BIOL 210 | Medical Microbiology with Lab ³ | 3 |
| Subtotal | | 3 |
| Supporting Coursework: | | |
| Select three courses from the list below: | | 9 |
| GERO 265 | Aging and the Older Person ² | |
| GERO 414 | Death and Dying ² | |
| HLTH 203 | Public Health and Physical Activity ² | |
| HLTH 211 | Women's Health Issues ² | |
| HLTH 316 | Human Sexuality ² | |
| HLTH 408 | Public Health Administration ² | |
| Subtotal | | 9 |
| Total Hours | | 60 |

¹ Course counts for 50% of Major requirements and Major GPA

² 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 |
|---|--|-------------|
| Complete one of the following BIOL courses | | 3-4 |
| BIOL 110 | The Human Body: Fundamentals of Structure and Physiology | |
| BIOL 209 | Human Anatomy and Physiology I | |
| Complete one of the following CHEM courses (CHEM 111 is required if completing CHEM 107): | | 3-4 |
| CHEM 107 & CHEM 111 or CHEM 104 | General Chemistry I and General Chemistry I Lab Introduction Chemistry I | |
| STAT 152 | Elementary Statistics I | 3 |
| Total Hours | | 9-11 |

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 Summer 2022
 Revised 05.30.2023
 UCC 02.28.23

RECOMMENDED FOUR-YEAR PLAN

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| HLTH 103 | Health and Behavior Change | 3 |
| CHEM 104 | Introduction Chemistry I | 3 |
| ENGL 102 | Critical Writing | 3 |
| ESAP 101 | FYRST Seminar * | 1 |
| SUBJ 139 | Foundations of Academic Discovery ¹ | 3 |
| Hours | | 13 |
| Spring | | |
| ENGL 104 | Critical Reading | 3 |
| SCI 102 | Understanding the Physical World | 3 |
| Creative & Aesthetic Inquiry (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/) | | 3 |
| Humanities Inquiry (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/) | | 3 |
| Hours | | 12 |
| Second Year | | |
| Fall | | |
| HLTH 210 | Introduction to Public Health | 3 |
| BIOL 110 | The Human Body: Fundamentals of Structure and Physiology | 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 | |
| Thematic Thread Requirement (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/) | | 3 |
| Declare a Thematic Thread ² | | |
| Hours | | 15 |
| Spring | | |
| HLTH 301 | Introduction to Health Education | 3 |
| Thematic Thread Requirement (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/) | | 3 |
| Thematic Thread Requirement - 300+ Level (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/) | | 3 |
| Thematic Thread Requirement - 300+ Level (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/) | | 3 |
| Social Science Inquiry (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/) | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| 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 |
| Hours | | 12 |
| Spring | | |
| HLTH 310 | Environmental Health | 3 |
| HLTH 311 | Global Health | 3 |
| HLTH 313 | Biostatistics | 3 |
| Public Health Supporting Course | | 3 |
| Hours | | 12 |
| Fourth Year | | |
| Fall | | |
| HLTH 406 | Program Planning and Evaluation | 3 |
| Public Health Supporting Course | | 3 |
| Electives | | 9 |
| Hours | | 15 |
| Winter | | |
| Potential On-line Winter Courses | | |
| International Health | | |
| Hours | | 0 |
| Spring | | |
| HLTH 410 | Epidemiology | 3 |
| HLTH 440 | Public Health Seminar | 3 |
| Public Health Supporting Course | | 3 |
| Electives | | 5 |
| Hours | | 14 |
| Summer | | |
| HLTH 450 | Internship | 12 |
| Potential On-line Summer Courses | | |
| HLTH 211 | Women's Health Issues | |

| | | |
|----------------------|---------------|------------|
| HLTH 311 | Global Health | |
| Hours | | 12 |
| Total Hours** | | 120 |

¹ Course offered in multiple subjects; cannot take course in first major subject.

² Work with your Academic Adviser to declare a Thematic Thread by the end of your fall semester in your second year.

* Students are encouraged to take ESAP 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

Revised: 05.10.2024