

## **Bachelor of Science in Health Science (BS)**

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*Offered at South University, Columbia; South University, Richmond; and South University, Virginia Beach.*

The Bachelor of Science in Health Science degree program is designed to provide a firm foundation for competency development in health sciences or in public health that prepares graduates to seek entry-level employment in a range of positions in the healthcare industry. Such employment occurs at facilities including health practitioners' offices, hospitals, home healthcare services, outpatient care services, nursing care facilities, health insurance companies, and state and government healthcare programs. The program is designed to prepare students for graduate study and the recognition of the need and ability to engage in continued personal and professional growth in the healthcare field.

The Core Curriculum of the University which is completed in the first two years of the program is designed to provide students with a foundation in the humanities, mathematics and science. During the second two years, the curriculum provides for a broad focus on essential business knowledge, the evolving healthcare delivery system in the United States, and knowledge development and utilization in the health sciences.

The specialization in Public Health provides the educational underpinnings needed for entry-level positions in the Public Health profession. A variety of career paths exists for students completing the specialization in Public Health. While a portion of these students may obtain employment within for-profit entities, other individuals would likely seek entry-level employment within the public and not-for-profit sectors for which knowledge of and skills in Public Health are important. The emphasis on specialized knowledge in Public Health at the upper division level allows for a compelling educational pathway from the undergraduate program in Health Science to graduate study, either at the master's level or doctoral level, in Public Health. The specialization is designed to provide beginning application skills, in the areas of policy, planning and evaluation, management and administration, and healthcare law.

After successful completion of the Health Science program, students receive a Bachelor of Science in Health Science degree. Completion of the first two years of the BS in Health Science degree program may provide students with the required prerequisite courses to apply for professional programs such as the Bachelor of Science in Nursing degree program. However, admission to these programs is competitive at most institutions (including South University) and is not guaranteed. Students interested in transferring credit must consult with the institution that they wish to attend in order to determine if and under what circumstances courses will transfer. This consultation should occur before taking the courses. Please be aware that some institutions will not accept online science and laboratory courses for transfer credit.

### **Program Student Learning Outcomes**

Graduates should be able to:

1. Utilize the principles and theories of the natural, social, behavioral, and health sciences to serve as competent and considerate healthcare professionals.
2. Demonstrate effective and culturally sensitive written, oral and interpersonal communication skills with individuals, groups and peers in a variety of healthcare settings.
3. Identify and apply exemplary ethical and professional behaviors in various healthcare positions and organizations.
4. Apply creative and critical thinking skills to identify, explore, and develop alternative solutions for a range of healthcare delivery system issues and challenges.
5. Effectively search, analyze and report on healthcare related data through the application of information technology and health management information systems.
6. Effectively apply organizational and management skills that incorporate knowledge of the political, financial, economic, and public health issues which impact the healthcare delivery system.

Upon completion of the Bachelor of Science in Health Science with a specialization in Public Health, graduates should be able to:

1. Describe the interaction between resource management, organizational theory, marketing and public policy to safeguard and sustain the public health of individuals and populations.
2. Apply principles of public health planning collaboratively with health service providers, policy makers, and healthcare consumers in the implementation and evaluation of health promotion programs.
3. Identify and analyze current and emerging issues facing the health of diverse communities and populations.
4. Describe and critically evaluate public health research questions to proactively develop and design innovative

- healthcare programs.
5. Prepare for continued studies in advanced Public Health degree programs.

## Bachelor of Science in Health Sciences: 182 Credits

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### Area I General Education Requirements: 68 Credits

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#### Professional Development

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- [ITS1000 Computer and Internet Literacy](#) 4 credit hours
- [UVC1000 Strategies for Success](#) 4 credit hours

#### Basic Communications

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- [ENG1100 Composition I](#) 4 credit hours
- [ENG1200 Composition II](#) 4 credit hours
- [ENG1300 Composition III](#) 4 credit hours

#### Choose one additional course from the list below:

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- [COM2006 Interpersonal Communication](#) 4 credit hours
- [SPC1026 Public Speaking](#) 4 credit hours

#### Mathematics and Statistics

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- [MAT1001 College Algebra I](#) 4 credit hours
- [MAT1005 College Algebra II](#) 4 credit hours
- [MAT2058 Statistics](#) 4 credit hours

#### Natural Sciences

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- [BIO1011 Anatomy and Physiology I](#) 4 credit hours  
(must be taken concurrently with [BIO1012 Anatomy and Physiology I Lab](#))
- [BIO1012 Anatomy and Physiology I Lab](#) 2 credit hours
- [BIO1013 Anatomy and Physiology II](#) 4 credit hours  
(must be taken concurrently with [BIO1014 Anatomy and Physiology II Lab](#))
- [BIO1014 Anatomy and Physiology II Lab](#) 2 credit hours

#### Arts and Humanities (choose two)

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- [ENG2002 World Literature I: From the Ancient World to the Middle Ages](#) 4 credit hours
- [ENG2003 World Literature II: From Enlightenment to Modernity](#) 4 credit hours
- [ENG2011 Introduction to American Literature: 1865 to present](#) 4 credit hours
- [HIS1101 U.S. History I: Colonial to 1865](#) 4 credit hours
- [HIS1102 U.S. History II: 1865 to Present](#) 4 credit hours
- [HUM1001 History of Art through the Middle Ages](#) 4 credit hours
- [HUM1002 History of Art from the Middle Ages to Modern Times](#) 4 credit hours
- [HUM2101 World Civilization I: Prehistory to 1500 C.E.](#) 4 credit hours
- [HUM2102 World Civilization II: 1500 to Present](#) 4 credit hours
- [PHI2301 Introduction to Philosophy](#) 4 credit hours
- [REL1001 World Religions](#) 4 credit hours

#### Social and Behavioral Sciences

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- [ECO2071 Principles of Microeconomics](#) 4 credit hours
- [PSY1001 General Psychology](#) 4 credit hours
- [SOC1001 Introduction to Sociology](#) 4 credit hours

## Area II Major Foundation Requirements: 16 Credits

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- [AHS1001 Medical Terminology](#) 4 credit hours
- [CHM1010 General Chemistry](#) 4 credit hours
- [NTR2050 Nutrition](#) 4 credit hours
- [PSY2022 Human Growth and Development](#) 4 credit hours

## Area III Major Requirements: 98 Credits

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### Core

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- [BIO2015 Human Pathophysiology](#) 4 credit hours
- [BIO2070 Microbiology](#) 4 credit hours  
(must be taken concurrently with [BIO2071 Microbiology Lab](#) or [BIO2073 Microbiology Laboratory](#))
- [BIO2071 Microbiology Lab](#) 2 credit hours (online)  
(required for BSN; RN to BSN students ONLY can take either)  
OR
- [BIO2073 Microbiology Laboratory](#) 2 credit hours (campus-based)
- [BIO3344 Principles of Genetics](#) 4 credit hours
- [HCM2005 Healthcare Delivery and Organization](#) 4 credit hours
- [HSC2010 Medical Sociology](#) 4 credit hours
- [HCM3030 Federal and State Healthcare Programs](#) 4 credit hours
- [HSC4010 Epidemiology and Disease Control](#) 4 credit hours
- [HSC4021 Health Promotion and Wellness](#) 4 credit hours
- [PHE2001 Introduction to Public Health](#) 4 credit hours
- [PHE3001 Legal and Ethical Issues in Public Health](#) 4 credit hours
- [PHE4120 Health Disparities and Minority Health](#) 4 credit hours

### Choose two courses from the following:

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- [HSC3002 Environmental Health](#) 4 credit hours
- [HSC4000 Contemporary Issues in Aging](#) 4 credit hours
- [HSC4040 Emergency and Disaster Management](#) 4 credit hours

### Elective Pool (five courses or 20 credit hours)

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*Transfer students may transfer any course to help fulfill the elective pool requirements, provided the course meets the standards of the Credit for Transcribed and Non-transcribed Work policy found in the Academic Affairs section of this catalog.*

*Non-transfer students, with their advisor's consultation and approval may choose courses from any department recommended and listed course or more broadly from any course offered by South University. Work from other fields must include any required prerequisite courses in the elective field.*

*A course can be used to meet only one requirement in Area I, Area II, or Area III, but not simultaneously in two areas. Students should work with their academic advisor or counselor to be sure they are making appropriate course choices.*

### Recommended electives include:

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- [ECO2072 Principles of Macroeconomics](#) 4 credit hours

- [HCM3002 Economics of Healthcare](#) 4 credit hours
- [HSC3002 Environmental Health](#) 4 credit hours
- [HSC3004 Complementary and Alternative Health](#) 4 credit hours
- [HCM3010 Long-Term Care](#) 4 credit hours
- [HSC3015 Behavioral Health](#) 4 credit hours
- [HCM3020 Managed Care](#) 4 credit hours
- [HSC3070 Medical Informatics](#) 4 credit hours
- [HSC4000 Contemporary Issues in Aging](#) 4 credit hours
- [HSC4040 Emergency and Disaster Management](#) 4 credit hours
- [MGT3045 Human Resources Management](#) 4 credit hours
- [PHE3025 Research Methods in Public Health](#) 4 credit hours
- [PHE3040 Healthcare Law](#) 4 credit hours
- [PHE3050 Public Health Policy](#) 4 credit hours
- [PHE4015 Introduction to Global Health](#) 4 credit hours
- [PHE4030 Foundation of Health Communication](#) 4 credit hours
- [PHE4055 Public Health Planning and Evaluation](#) 4 credit hours
- [PHE4070 Management and Administration of Public Health Systems](#) 4 credit hours
- [PHE4095 Special Topics in Public Health](#) 4 credit hours

## Specializations (choose one): 24 Credits

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### Generalist Track

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- [HCM3010 Long-Term Care](#) 4 credit hours
- [HCM3020 Managed Care](#) 4 credit hours
- [HSC3004 Complementary and Alternative Health](#) 4 credit hours
- [HSC3015 Behavioral Health](#) 4 credit hours
- [HSC4060 Working with Healthcare Professionals](#) 4 credit hours
- [PHE3070 Medical and Public Health Informatics](#) 4 credit hours

### Public Health

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- [PHE3025 Research Methods in Public Health](#) 4 credit hours
- [PHE3050 Public Health Policy](#) 4 credit hours
- [PHE3070 Medical and Public Health Informatics](#) 4 credit hours
- [PHE4015 Introduction to Global Health](#) 4 credit hours
- [PHE4055 Public Health Planning and Evaluation](#) 4 credit hours
- [PHE4070 Management and Administration of Public Health Systems](#) 4 credit hours

### Note(s):

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*South University, Online Program offerings may not be available to residents of all states. Please contact an admissions representative for further information.*

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