

HEALTH SCIENCES

Overview

Award: Associate of Science Degree

Major: Health Science

Additional Program Information:

The Associate of Science degree in Health Science provides a broad and flexible curriculum that supports the Transfer Virginia common curricula in Kinesiology and Public Health. It also provides support for transfers in Nursing, and may be appropriate for transfers wishing to enroll in pre-professional programs for Physical Therapy, Medicine, or Dentistry. The list of recommended transfer majors that fall under this award is not exclusive, and students should carefully consider the requirements to their intended four-year institution to determine if the Health Science A.S. provides the most appropriate plan of study. Students are strongly encouraged to consult an academic advisor and review transfer options using the Transfer Virginia Portal at <https://www.transfervirginia.org/>. Many four-year institution specific guides are available that specify the appropriate elective choices for particular majors and pathways.

Nearly all four-year colleges and universities in Virginia, as well as some private institutions in the state, now abide by the Virginia State Policy on Transfer. The policy states that students who complete the Blue Ridge Community College Social Science A.S. will have met all lower division general education requirements at participating institutions. The policy does not guarantee admission to these institutions nor does it imply that each individual community college course will transfer. A copy of the Virginia State Policy on Transfer and additional information on articulation agreements with Virginia four-year colleges and universities is available in the Transfer Advising Center (<https://www.brcc.edu/student-support-services/advising/transfer-advising/>).

Students should consult institution specific transfer guides to determine the appropriate mathematics electives, and should work with an advisor to determine if any prerequisite coursework is needed given their mathematics background. Four-year institutions also have varied requirements for foreign language competency depending on major. Students should consult transfer guides and work with an academic advisor to determine if it is preferable to complete their transfer institution's language requirement at BRCC. Placement into the intermediate (201) level of a language is possible; consult an academic advisor.

Required Courses Curriculum Curriculum

Code	Title	Credit Hours
General Education		
Pathways under this degree may have specific requirements or recommendations for General Education coursework. Students should consult the appropriate transfer guide for their intended transfer major and senior institution.		
Block I - Written Communication		6
Select both:		
ENG 111	College Composition I	
ENG 112	College Composition II	
Block II - Humanities/Art/Literature (https://catalog.brcc.edu/programs-study/ucgselectives/#UCGS Block II)		6
(Select two courses from different categories)		
Block III - Social and Behavioral Science (https://catalog.brcc.edu/programs-study/ucgselectives/#UCGS Block III)		3
Core Science - Select one of the following:		4
BIO 101	General Biology I	
CHM 101	Introductory Chemistry I	
CHM 111	General Chemistry I	
Block V - Mathematics (https://catalog.brcc.edu/programs-study/ucgselectives/#UCGS Block V)		3
Block VI - History (https://catalog.brcc.edu/programs-study/ucgselectives/#UCGS Block VI)		3
Block VII - Specialized General Education Requirements (https://catalog.brcc.edu/programs-study/ucgselectives/#UCGS Block VII)		3
Communication - Select one of the following:		3
CST 100	Principles of Public Speaking	
CST 110	Introduction to Human Communication	
Student Development		

SDV (https://catalog.brcc.edu/programs-study/sdv/)	Student Development	1
Health Science Core Electives (p. 2)		9
Health Science Additional Electives (p. 2)		20
Students should consult the transfer guide for their intended transfer major and senior institution to determine the appropriate elective choices. Additional information on pathways supported by this degree can be found at the Additional Program Information link on the Overview tab.		
Total Credit Hours		61

Health Science Electives

Health Science Core Electives

Code	Title	Credit Hours
BIO 141	Human Anatomy and Physiology I	4
BIO 142	Human Anatomy and Physiology II	4
BIO 150	Microbiology for Health Sciences	4
BIO 205	General Microbiology	4
HLT 110	Personal and Community Health	3
HLT 143	Medical Terminology	3
HLT 228	Principles of Public Health	3
HLT 230	Principles of Nutrition	3

Health Science Additional Electives

Code	Title	Credit Hours
ACC 211	Principles of Accounting I	3
BIO 101	General Biology I	4
BIO 102	General Biology II	4
BIO 141	Human Anatomy and Physiology I	4
BIO 142	Human Anatomy and Physiology II	4
BIO 150	Microbiology for Health Sciences	4
BIO 205	General Microbiology	4
BUS 100	Introduction To Business	3
CHM 101	Introductory Chemistry I	4
CHM 110	Survey of Chemistry	3
CHM 111	General Chemistry I	4
CHM 112	General Chemistry II	4
CSC 110	Principles of Computer Science	3
CST 100	Principles of Public Speaking	3
CST 110	Introduction to Human Communication	3
CST 126	Interpersonal Communication	3
CST 229	Intercultural Communication	3
ECO 150	Economic Essentials: Theory and Application	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3
EDU 200	Foundations of Education	3
GEO 210	People & Land: An Introduction to Cultural Geography	3
GEO 220	World Regional Geography	3
GOL 105	Physical Geology	4
GOL 110	Earth Systems: An Environmental Geology Perspective	4
ITE 152	Introduction to Digital Literacy and Computer Applications	3
HIS 101	Western Civilizations Pre-1600 CE	3

HIS 102	Western Civilizations Post 1600 CE	3
HIS 111	World Civilizations Pre-1500 CE	3
HIS 112	World Civilizations Post-1500 CE	3
HIS 121	United States History to 1877	3
HIS 122	United States History Since 1865	3
HLT 100	First Aid and Cardiopulmonary Resuscitation	2
HLT 110	Personal and Community Health	3
HLT 116	Introduction to Personal Wellness Concepts	3
HLT 143	Medical Terminology	3
HLT 228	Principles of Public Health	3
HLT 230	Principles of Nutrition	3
MTH 154	Quantitative Reasoning	3
MTH 155	Statistical Reasoning	3
MTH 161	Precalculus I	3
MTH 162	Precalculus II	3
MTH 167	Precalculus with Trigonometry	5
MTH 245	Statistics I	3
MTH 261	Applied Calculus I	3
MTH 263	Calculus I	4
MTH 264	Calculus II	4
PED 116	Lifetime Fitness and Wellness	2
PHI 220	Ethics and Society	3
PHY 100	Elements of Physics	4
PHY 201	General College Physics I	4
PHY 202	General College Physics II	4
PHY 241	University Physics I	4
PHY 242	University Physics II	4
PLS 135	U.S. Government & Politics	3
PLS 140	Introduction to Comparative Politics	3
PSY 200	Principles of Psychology	3
PSY 215	Psychopathology	3
PSY 216	Social Psychology	3
PSY 230	Developmental Psychology	3
REL 230	Religions of The World	3
SOC 200	Introduction to Sociology	3
SOC 215	Sociology of the Family	3
SOC 266	Race and Ethnicity	3
SOC 268	Social Problems	3
World Languages ¹		3-4

¹ Any World Language 101, 102, 201, 202, including ASL (<https://catalog.brcc.edu/courses-az/asl/>) and SPA 115.