

**Associate in Science Degree Designed for Specialized Transfer to the Medical University of
South Carolina (MUSC) Bachelor of Science in Healthcare Studies Program
CURRICULUM MODEL FOR EARLY COLLEGE CAREER ACADEMY 2/28/22**

65-66 Semester Hours*

(Specialized advising models are available for Pre-Medicine/Dental, Pre-Physician Assistant, Pre-Pharmacy, Pre-Physical Therapy, Pre-Occupational Therapy, Pre-Speech/Language Pathology, and Pre-Cardiovascular Perfusion. All courses transfer to other South Carolina colleges and universities under statewide Commission in Higher Education statewide articulation agreement)

General Education Courses	Lec/Lab/Credit Hours/Total Semester Contact Hours (TSCH)
ENG 101 English Composition I	3-0-3 (TSCH=45)
ENG 102 English Composition II	3-0-3 (TSCH=45)
SPC 205 Public Speaking	3-0-3 (TSCH=45)
MAT 110 College Algebra	3-0-3 (TSCH=45)
History or Fine Arts transfer course)	3-0-3 (TSCH=45)
PSY 201 General Psychology	3-0-3 (TSCH=45)
SOC 101 Introduction to Sociology	3-0-3 (TSCH=45)
BIO 101 Biological Sciences I	3-3-4 (TSCH=90)
BIO 102 Biological Sciences II	3-3-4 (TSCH=90)
ECO 210 Macroeconomics (or ECO 211 or a History or Fine Arts transfer course)	3-0-3 (TSCH=45)
CPT 101 Introduction to Computers (or CPT 170)	3-0-3 (TSCH=45)
	35.0 Hours
Required Hours for Concentration (see below; courses depend upon advising model selected: 14-15 Hours)	
CHM 110 College Chemistry I	3-3-4 (TSCH=90)
CHM 111 College Chemistry II	3-3-4 (TSCH=90)
MAT 120 Probability and Statistics	3-0-3 (TSCH=45)
Math or Natural Science Elective	3-0-3 (TSCH=45) or 3-3-4 (TSCH=90)
	14.0-15.0 Hours
Other Hours Required for Graduation and Advising Model (see below; courses depend upon advising model selected: 16 Hours)	
Natural Science Course	3-3-4 (TSCH=90)
Natural Science Course	3-3-4 (TSCH=90)
Directed Transfer Elective (such as SPA 101 Elementary Spanish I	3-3-4 (TSCH=90)
Directed Transfer Elective (such as SPA 102 Elementary Spanish II	3-3-4 (TSCH=90)
	16.0 Hours
Program Total Hours	65.0/66.0 Hours

Required General Education: 35 hours

9 hours in Communication (Written or Oral) and Literature: (ENG 101, ENG 102, and SPC 205)

12 Hours in Communication, Humanities/Fine Arts and Social Sciences with at least 3 SHC drawn from Humanities/Fine Arts and at least 3 SCH from Social/Behavioral Sciences: (SOC 101, HIS 101, PSY 201, and ECO 210 or ECO 211 or HIS 102, HIS 201, HIS 202, ART 101, MUS 105, ENG 201, ENG 202, ENG 205, ENG 206, ENG 208, ENG 236)

11 hours in Math and Science Hours: (Math 110 and BIO 101, BIO 102)

3 Hours in Computer Technology: (CPT 101 or CPT 170)

Required Hours for Concentration: 14-15 Hours (MAT 120 and choose 11-12 additional hours from the following suggested courses in Math and/or Natural Sciences: MAT 130, MAT 140, MAT 141, BIO 126 (transfers only to MUSC), BIO 210, BIO 211, BIO 225, CHM 105 (transfers only to USC Up State, Clafin, and SC State), CHM, 110, CHM 111, PHY 201, PHY 202, PHY 221 or PHY 222). **Note: Some courses may earn 4 SHC.**

Other Hours Required Hours for Graduation: 16 Hours (Choose 12-16 hours from any other Transfer Elective or from any Early College Pathway Elective** not used above) : (AHS 104, ART 210, ECO 210, ECO 211, ENG 201, 202, ENG 205, ENG 206, ENG 207, ENG 208, ENG 209, ENG 236, HIS 101, HIS 102, HIS 115, HIS 202, PSC 201, PSY 203, PSY 212, REL 101, SPA 101, SPA 102, MAT 120, MAT 130, MAT 140, MAT 141, BIO 126 (transfers only to MUSC), BIO 117**, BIO118**, BIO 210, BIO 211, BIO 225, CHM 105 (transfers only to USC Up State, Clafin, and SC State), CHM, 111, CHM 112, CHM 211, or CHM 212, PHY 201, PHY 202, PHY 221 or PHY 222; COL 103; IDS 101; IDS-154; COL-101; COL-120). **Note: Some courses may earn 4 SHC.**

* MUSC requires 72 semester credit hours to transfer. Students should also plan to earn at least one of the following certificates that will assist in the acquisition of necessary clinical hours needed for competitive application to MUSC specialized clinical programs. The certification will result in the 72 hours needed to transfer to MUSC.

- Certified Nursing Assistant Certificate and NACES Certification
- Phlebotomy Certificate and NCCT Certification (must be 18 to complete required labs)
- Electrocardiography Certificate and NCCT Certification
- Emergency Medical Technician Certificate and State and National Certifications (must be 18 to complete required labs and sit for certification exam)
- Patient Care Technician

** Not a transfer course

NOTE: In addition to elective high school graduation credit for dual credit courses, green highlighted courses could be used as local board approved high school graduation credit, if approved by for district. Students could take both English 101 and 102 to meet the requirement of English 4.