RESPIRATORY CARE: BS

The Bachelor of Science in Respiratory Care Program, CoARC program #210050 at Forest Park holds Provisional Accreditation from the Commission on Accreditation for Respiratory Care (https://coarc.com/).

This status signifies that a program with an Approval of Intent has demonstrated sufficient compliance with the Standards (through submission of an acceptable Provisional Accreditation Self Study Report (PSSR) and any other documentation required by the CoARC, as well as satisfactory completion of an initial on-site visit), to be allowed to admit students. It is recognized as an accredited program by the National Board for Respiratory Care (NBRC), which provides enrolled students who complete the program with eligibility for the Respiratory Care Credentialing Examination(s). The program will remain on Provisional Accreditation until it achieves Continuing Accreditation.

Full-Time Academic Plan

Missouri Civics Examination. Students entering college for the very first time in fall 2019 and who intend to complete an associate's degree must successfully complete a civics examination. Information on who is eligible for a waiver can be found on the STLCC website (https://stlcc.edu/programs-academics/missouri-civics-exam.aspx).

PLEASE NOTE: If you originally enrolled at STLCC prior to Fall 2024, you may need to view an archived catalog (https://www.stlcc.edu/programs-academics/course-catalog/) for your correct program requirements. Please speak with an advisor or the program coordinator for more information.

Code	Title	Hours	Prerequisites	Milestones/Notes
First Year				
Fall				
ENG 101	College Composition I (MOTR ENGL 100)	3	Placement score or ENG 030 or ENG 070 with a grade of "C" or better or recommendation of department and Reading Proficiency or concurrent enrollment in RDG 079	
SOC 101 or COM 200	Introduction to Sociology (MOTR SOCI 101) or Communication Between Cultures (MOTR SBSC 101)	3	Reading Proficiency or concurrent enrollment in RDG 079	
MTH 180 or 180S	Introductory Statistics (MOTR MATH 110) or Introductory Statistics with Support (MOTR MATH 110)	3	Satisfactory scores on placement test, and Reading Proficiency	Must be completed within 5 years of application.
BIO 111	Introductory Biology I (MOTR BIOL 100L)	4	Reading Proficiency or concurrent enrollment in RDG 079	Must be completed within 5 years of application.
XXX xxx	CORE 42 Humanities/Fine Arts Elective (http://catalog.stlcc.edu/general-education/)	3		
	Credit Hours	**16**		
Spring				
COM 107 or 101	Public Speaking (MOTR COMM 110) or Oral Communication I (MOTR COMM 100)	3	Reading Proficiency	
MTH 160 or 160S	Precalculus Algebra (MOTR MATH 130) or Precalculus Algebra with Support (MOTR MATH 130)	3	MTH 140 (or MTH 140S) with a grade of "C" or better or satisfactory score on placement test, and Reading Proficiency	Must be completed within 5 years of application.
ENG 102 or 103	College Composition II (MOTR ENGL 200) or Report Writing (MOTR ENGL 110)	3	ENG 101 with a minimum grade of "C" and Reading Proficiency	
HIM 101	Medical Terminology and Language	3	Reading Proficiency	
PSY 200	General Psychology (MOTR PSYC 100)	3	Reading Proficiency or concurrent enrollment in RDG 079	
	Credit Hours	**15**		

Second Year				
Fall				
BIO 207	Anatomy and Physiology I (MOTR LIFS 150LAP)	4	BIO 111 or BIO 140 or CHM 101 with a minimum grade of "C", or college-level course equivalent, and Reading Proficiency	Must be completed within 5 years of application.
CHM 101 or 105	Fundamentals of Chemistry I (MOTR CHEM 100L) or General Chemistry I (MOTR CHEM 150L)	5	MTH 140S with a minimum grade of "C" or higher, or placement into MTH 140 or higher, and Reading Proficiency	Must be completed within 5 years of application.
PHL 109	Bio-Medical Ethics	3	Reading Proficiency	
XXX xxx	CORE 42 Humanities/Fine Arts Elective (http://catalog.stlcc.edu/general-education/)	3		
	Credit Hours	**15**		
Spring				
BIO 203	General Microbiology I	4	BIO 111 or BIO 140 with a minimum grade of "C", or college-level course equivalent, and Reading Proficiency	Must be completed within 5 years of application.
XXX xxx	Social & Beahvioral Sciences: Civics Requirement (http://catalog.stlcc.edu/general-education/)	3		
BIO 208	Anatomy and Physiology II	4	BIO 207 with a minimum grade of "C" and Reading Proficiency	Must be completed within 5 years of application.
XXX xxx	CORE 42 Humanities/Fine Arts Elective (http://catalog.stlcc.edu/general-education/)	3		
	Credit Hours	**14**		
Third Year				
Fall				
RC 110	Cardiopulmonary Anatomy and Physiology	3	Admission to the AAS Respiratory Care or BS Respiratory Care Program, BIO 208 with a minimum grade of "C", and Reading Proficiency	
RC 120	Respiratory Care Practices I	6	Program Admission, BIO 208 with a minimum grade of "C", and Reading Proficiency	
RC 130	Patient Assessment	2	Program Admission, BIO 208 with a minimum grade of "C" and Reading Proficiency	
RC 140	Respiratory Pharmacology	2	Concurrent or prior enrollment in RC 110 with a minimum grade of "C", and Reading Proficiency	
RC 300	Clinical Practice I	1	Admission to the BSRC program, and Reading Proficiency	
	Credit Hours	**14**		
Spring				
RC 150	Fundamentals of Respiratory Care II	4	RC 110, RC 125, and RC 135 with minimum grades of "C", and Reading Proficiency	

RC 160	Mechanical Ventilation I	4	RC 110, RC 125, and RC 135 with minimum grades of "C", and Reading Proficiency	
RC 180	Cardiopulmonary Diseases	3	RC 125 and RC 140 with minimum grades of "C", and Reading Proficiency	
RC 340	Clinical Practice II	1	RC 125, RC 135, RC 140, and RC 300 all with grades of "C" or higher, and Reading Proficiency	
COM 117	Health Communication	3	Reading Proficiency	
	Credit Hours	**15**		
Summer				
RC 240	Respiratory Care Specialties	3	RC 180 with a grade of "C" or higher, and Reading Proficiency	
RC 310	Neonatal Respiratory Care	2	RC 150, RC 160, RC 180 all with grades of "C" or higher, and Reading Proficiency	
RC 380	Clinical Practice III	1	RC 150, RC 160, RC 180, and RC 340 all with grades of "C" or higher, and Reading Proficiency	
	Credit Hours	**6**		
Fourth Year				
Fall				
RC 320	Pediatric Respiratory Care	2	RC 310 and RC 380 with grades of "C" or higher, and Reading Proficiency	
RC 330	Neonatal and Pediatric Respiratory Care Lab	1	RC 310 and RC 380 with grades of "C" or higher, and Reading Proficiency	
RC 200	Adult Critical Care	3	RC 180 with grade of "C" or higher, and Reading Proficiency	
RC 210	Mechanical Ventilation II	4	RC 150, RC 160, and RC 180 with grades of "C" or higher, and Reading Proficiency	
RC 400	Clinical Practice IV	2	RC 310, RC 380, and RC 240 all with grades of "C" or higher, and Reading Proficiency	
	Credit Hours	**12**		
Spring				
RC 410	Respiratory Care Management	3	RC 200, RC 210, RC 320, and RC 400 all with grades of "C" or higher, and Reading Proficiency	
RC 420	Respiratory Care Research	3	RC 200, RC 210, RC 320, and RC 400 all with grades of "C" or higher, and Reading Proficiency	
RC 430	Health Education and Disease Management	3	RC 200, RC 210, RC 320, and RC 400 all with grades of "C" or higher, and Reading Proficiency	
RC 440	Respiratory Care Capstone	1	RC 200, RC 210, RC 320, and RC 400 all with grades of "C" or higher, and Reading Proficiency	

RC 450	Clinical Practice V	3	RC 200, RC 210, RC 330, RC 320, RC 400 all with grades of "C" or higher, and Reading Proficiency	
	Credit Hours	**13**		
	Total Credit Hours	**120**		

*Click on the hyperlinked course number to view additional information about the course.

**Students completing a course that has been assigned a MOTR number may transfer that course to any public institution in Missouri. Those who complete CORE 42 requirements will have that verification on their transcript.

*** It is your responsibility to verify that the courses listed above will transfer to the four-year institution of your choice. Maximize your transfer credits/classes by meeting with an academic advisor.