**Respiratory Care – Bachelor of Science**
Total Approved Hours Required: **120**
**Revised October 2026**

**CAMPUS PROGRAM CONTACTS**
**Program Email:** stlcc-respiratorycare@stlcc.edu
**Retention Coach:** Amy Penick, apenick@stlcc.edu

**PROGRAM OF STUDY: Pre-Entry Course Requirements. Any additional prerequisite coursework required to complete pre-entry courses are not factored into total program hours.**

**Selective Admissions to Health Sciences Programs Prerequisites**

Rationale: Students who wish to declare a major in some health professions programs must meet minimum criteria to apply. Admission to a program in the School of Health Professions is selective due to availability and limitations of practicum sites and limitations in the number of students who can be accommodated in clinical groups. All students interested in this program should consult a Student Success Advisor at their campus of their choice. The programs in the School of Health Professions require clinical or field experience as part of the curriculum. A criminal background check, drug screen, and documentation of current immunizations are required (at the student's expense) for participation in clinical or other field experiences. Specific academic criteria for admission are on the second page of this document.

| General Education Requirements (30 credit hours total required to apply) **: | | Cr. Hrs. |
|---|---|---|
| ENG 101 | College Composition I completed with a grade of "C" or higher | 3 |
| ENG 102 or ENG 103 | College Composition II or Report Writing completed with a grade of "C" or higher. | 3 |
| SOC 101 or COM 200 | Introduction to Sociology or Communication Between Cultures completed with a grade of "C" or higher. | 3 |
| COM 101 or COM 107 | Oral Communication I or Public Speaking completed with a grade of "C" or higher. | 3 |
| BIO 111 | Introductory Biology completed with a grade of "C" or higher. | 4 |
| BIO 207 | Anatomy and Physiology I completed with a grade of "C" or higher. | 4 |
| BIO 208* | Anatomy and Physiology II completed with a grade of "C" or higher. | 4 |
| BIO 203* | General Microbiology I completed with a grade of "C" or higher. | 4 |
| MTH 160/S* | Precalculus Algebra or Precalculus Algebra w/ Support completed with a grade of "C" or higher. | 3 |
| MTH 110/S* | Introductory Statistics or Introductory Statistics w/ Support completed with a grade of "C" or higher. | 3 |
| PHL 109 | Bio-medical Ethics completed with a grade of "C" or higher. | 3 |
| PSY 200 | General Psychology completed with a grade of "C" or higher. | 3 |
| CHM 101 or CHM 105* | Fundamentals of Chemistry I or General Chemistry I completed with a grade of "C" or higher. | 5 |
| XXX xxx | Missouri Civics Requirement completed with a grade of "C" or higher. | 3 |
| XXX xxx | CORE 42 Humanities/Fine Arts Electives | 9 |
| HIM 101 | Medical Terminology and Language | 3 |

| Program Requirements: | | |
|---|---|---|
| | **First Semester** | |
| RC 110 | Cardiopulmonary Anatomy and Physiology | 3 |
| RC 120 | Respiratory Care Practices I | 6 |
| RC 130 | Patient Assessment | 2 |
| RC 140 | Respiratory Pharmacology | 2 |
| RC 300 | Clinical Practice I | 1 |
| | **Second Semester** | |
| RC 150 | Fundamentals of Respiratory Care II | 4 |
| RC 160 | Mechanical Ventilation I | 4 |
| RC 180 | Cardiopulmonary Diseases | 3 |
| RC 340 | Clinical Practice II | 1 |
| COM 117 | Health Communication | 3 |
| | **Third Semester (Summer)** | |
| RC 240 | Respiratory Care Specialties | 3 |
| RC 310 | Neonatal Respiratory Care | 2 |
| RC 380 | Clinical Practice III | 1 |
| | **Fourth Semester** | |
| RC 320 | Pediatric Respiratory Care | 2 |
| RC 330 | Neonatal and Pediatric Respiratory Care Lab | 1 |
| RC 200 | Adult Critical Care | 3 |
| RC 210 | Mechanical Ventilation II | 4 |
| RC 400 | Clinical Practice IV | 2 |
| | **Fifth Semester** | |
| RC 410 | **Respiratory Care Management** | 3 |
| RC 420 | **Respiratory Care Research** | 3 |
| RC 430 | **Health Education and Disease Management** | 3 |
| RC 440 | **Respiratory Care Capstone** | 1 |
| RC 450 | **Clinical Practice V** | 3 |
| | **Total Hours Required** | 120 |

***If included in initial 30 credit hours to apply: CHM 101/CHM 105, BIO 208, BIO 203, and one of the math courses must be completed within 5 years prior to application or start of program.**
****All remaining gen-ed coursework must be completed with a grade of "C" or higher prior to the start of the program.**
**Please visit the interactive class schedule for information regarding class times.**

**Admission to St. Louis Community College does not guarantee admission to the Respiratory Care BS program. Below is a pre-entry checklist.**

| | General Pre-entry Requirements: | Check |
|---|---|---|
| 1 | **Application submitted for admission to STLCC.** Please visit www.stlcc.edu/apply. | |
| 2 | **Degree Seeking Status.** Official College Transcripts - An official transcript from each college attended must be sent directly from the college attended to the STLCC-Registrar's Office and fully evaluated. Please visit https://stlcc.edu/admissions/apply-to-stlcc/transfer-students/transferring-credit-to-stlcc.aspx for more information. | |
| 3 | **Minimum general education coursework GPA of 2.5.** *Developmental courses (numbered below 100) completed at any institution will not be counted toward the minimum cumulative GPA. The minimum 2.5 GPA must be maintained while on the RC BS Applicant List. A minimum GPA of 2.0 must be maintained once enrolled into the RC BS Program.*<br>• Students must have a minimum 2.5 GPA across all general education coursework completed for the program. | |
| 4 | **Minimum 30 credit hours of general education coursework completed:** Students must complete a minimum of 30 credit hours of the general education coursework for the RC BS. All courses must be completed with a grade of "C" or higher.<br>• Students should meet with a student success advisor to create an academic plan.<br>• All remaining general education course work must be completed with a grade of "C" or higher prior to beginning programmatic courses.<br><br>*It is recommended that CHM 101 or CHM 105, BIO 208, BIO 203, and MTH 160 or MTH 110 are completed as part of the 30 credit hours to apply to the Bachelor of Science in Respiratory Care. These courses must be completed within five years of application.* | |
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| | When the above criteria have been met, students must submit a signed Respiratory Care BS Program application. The application must be signed by both the student and Student Success Advisor.<br><br>Completed applications must be emailed to stlcc-respiratorycare@stlcc.edu. Mailed or faxed applications will not be accepted or processed. All communication from the Respiratory Care program will be sent to *STLCC student email addresses only*. No communication will be mailed or faxed to students.<br><br>*Admission and degree requirements are subject to change without advance notice.* | |