

Recommended Academic Plan for Respiratory Care

Associate in
Applied Science
Degree



This plan is a suggested semester-by-semester course schedule. It is designed to keep you on track for a timely graduation. This plan is not a substitute for academic advising. Contact an advisor for further information regarding placement based on ACT/SAT or COMPASS exam scores, scheduling, degree requirements, and graduation requirements. **The Respiratory Program has additional admission criteria that must be met in order to enroll in the Respiratory courses. Contact an advisor for specific information. Additional information is also available at http://www.stlcc.edu/Programs/Respiratory_Therapy/**

| Semester 1 (Fall) | | | | |
|--|-----------|--------------------------|---|-----------|
| Course | Credits | Prerequisite | Milestone/Notes | Completed |
| RTH:120 Introduction to Respiratory Care and Respiratory Physics | 5 | Program Pre-Requisites | Complete BIO:207-(PreRq BIO:111), CHM:101-(PreRq -MTH:030 or 140 placement), and MTH:124 (PreRq MTH:030) or higher prior to admission | |
| RTH:121 Orientation to the Hospital | 2 | Admission to the program | | |
| RTH:127 Respiratory Pharmacology | 2 | Admission to the program | | |
| BIO:208 Anatomy and Physiology II | 4 | BIO:207 | | |
| ENG:101 College Composition I | 3 | ENG:030 & CoRq RDG:030 | | |
| Subtotal | 16 | | | |

| Semester 2 (Spring) | | | | |
|--|-----------|--|--|-----------|
| Course | Credits | Prerequisite | Milestone/Notes | Completed |
| RTH:125 Airway Management | 3 | RTH:120 | | |
| RTH:126 Introduction to Mechanical Ventilation | 3 | RTH:120, RTH:121 | | |
| RTH:128 Arterial Blood Gases | 2 | | | |
| RTH:140 Respiratory Care Clinical I | 1 | RTH:120, RTH:121 | | |
| BIO:203 General Microbiology I | 4 | BIO:111 or 1 year HS BIO within 5 years of reg. date | | |
| *Physical Education Elective | 2 | | 1 PE credit must be an activity credit | |
| Subtotal | 15 | | | |

| Summer | | | | |
|------------------------------------|----------|---------------------------|-----------------|-----------|
| Course | Credits | Prerequisite | Milestone/Notes | Completed |
| RTH:131 Pediatric Respiratory Care | 3 | RTH:128, RTH:140, BIO:208 | | |
| RTH:222 Cardiopulmonary Physiology | 2 | | | |
| RTH:146 Clinical Level II | 3 | RTH:126, RTH:128, RTH:140 | | |
| Subtotal | 8 | | | |

| Semester 3 (Fall) | | | | |
|---|-----------|--------------------|-----------------|-----------|
| Course | Credits | Prerequisite | Milestone/Notes | Completed |
| RTH:220 Pulmonary Pathophysiology | 3 | | | |
| RTH:221 Critical Care Monitoring | 2 | RTH:126 | | |
| RTH:223 Mechanical Ventilation: A Clinical Approach | 4 | RTH:126, RTH:128 | | |
| RTH:240 Respiratory Care Clinical III | 2 | RTH:146 | | |
| ENG:102 College Composition II | 3 | ENG:101 or ENG:100 | | |
| Subtotal | 14 | | | |

| Semester 4 (Spring) | | | | |
|--|-----------|-----------------------------|--|-----------|
| Course | Credits | Prerequisite | Milestone/Notes | Completed |
| RTH:225 Pulmonary Function Testing | 3 | RTH:220, RTH:222 | Apply for graduation | |
| RTH:228 National Board for Respiratory Care Review (NBRC Review) | 2 | | Complete National Board Review Exams Apply for Graduation by published deadline | |
| RTH:245 Respiratory Care Clinical IV | 2 | RTH:220, 221, 222, 223, 240 | | |
| PSY:200 General Psychology | 3 | | | |
| *Social and Behavioral Sciences Elective that meets the MO State requirement | 3 | | | |
| Subtotal | 13 | | | |

Total Hours in the Program: 78-79

*See Catalog for classes that will fulfill the elective requirements http://www.stlcc.edu/Admissions_and_Registration/Course_Catalog.html or the Respiratory Therapy web page http://www.stlcc.edu/Programs/Respiratory_Therapy/

Maximize your transfer credits/classes by meeting with an academic advisor.

Respiratory Care AAS Quick Checklist

| Courses | Credit Hours | Notes |
|---|--------------|-------|
| GENERAL EDUCATION | | |
| ENG:101 College Composition I | | |
| ENG:102 College Composition II | | |
| MTH:124 Technical Mathematics or higher | | |
| CHM:101 Fundamentals of Chemistry I | | |
| *Social and Behavioral Sciences Elective that meets the MO State requirement | | |
| PSY:200 General Psychology | | |
| BIO:203 General Microbiology I | | |
| BIO:207 Anatomy and Physiology I | | |
| BIO:208 Anatomy and Physiology II | | |
| PHYSICAL EDUCATION 2 credit hours At least one credit must be an activity | | |
| | | |
| | | |
| REQUIRED COURSES | | |
| RTH:120 Introduction to Respiratory Care and Respiratory Physics | | |
| RTH:121 Orientation to the Hospital | | |
| RTH:125 Airway Management | | |
| RTH:126 Introduction to Mechanical Ventilation | | |
| RTH:127 Respiratory Pharmacology | | |
| RTH:128 Arterial Blood Gases | | |
| RTH:131 Pediatric Respiratory Care | | |
| RTH:140 Respiratory Care Clinical I | | |
| RTH:146 Clinical Level II | | |
| RTH:220 Pulmonary Pathophysiology | | |
| RTH:221 Critical Care Monitoring | | |
| RTH:222 Cardiopulmonary Anatomy & Physiology | | |
| RTH:223 Mechanical Ventilation: A Clinical Approach | | |
| RTH:225 Pulmonary Function Testing | | |
| RTH:228 National Board for Respiratory Care Review (NBRC Review) | | |
| RTH:240 Respiratory Care Clinical III | | |
| RTH:245 Respiratory Care Clinical IV | | |

For more information, please see <http://www.stlcc.edu/Programs/Degrees> or consult the College Catalog at http://www.stlcc.edu/Admissions_and_Registration/Course_Catalog.html

Advisor Contact Information

Name
Phone
Email