



Health Science, Pre-Respiratory Therapy Associate in Science Seven Semester Pathway Academic Year 2025-2026

Please visit www.smccme.edu/healthprograms for details on admission requirements

Pre Acceptance Semester 1	Requirement	Prerequisites	Corequisites	Credits	My Plan
Sign Up and Complete the Mandatory Program Information Session at www.smccme.edu/healthprograms					
FIGS 102	Intro to Healthcare Professions			1	
ENGL 100	English Composition	ENGL 080		3	
	Mathematics Elective (MATH 140 or higher)	MATH 040		3	
	Social Science Elective	See course prerequisites	See course corequisites	3	
BIOL 132	Anatomy & Physiology I with Lab	MATH 040	ENGL 100 or ENGL 101	4	
Pre Acceptance Semester 2					
ENGL 115	Introduction to Literature	ENGL 100 or ENGL 101		3	
	Fine Arts or Humanities Elective	See course prerequisites	See course corequisites	3	
BIOL 138	Anatomy & Physiology II with Lab	BIOL 132		4	
Acceptance into Respiratory Therapy					
Semester 1	Requirement	Prerequisites	Corequisites	Credits	My Plan
RESP 100	Respiratory Therapy Patient Care	RESP Program Acceptance	RESP 101, 120	3	
RESP 101	Gas, Humidity, and Aerosol Therapy	RESP Program Acceptance	RESP 100, 120	4	
RESP 120	Cardiopulmonary Renal Anatomy & Physiology	RESP Program Acceptance	RESP 100, 101, BIOL 138	4	
Semester 2					
RESP 105	Pulmonary Assessment Technology	BIOL 138, RESP 101, 120	RESP 110, 125	3	
RESP 110	Airway Management	BIOL 138, RESP 100, 101, 120	RESP 105, 125	3	
RESP 125	Clinical Practicum I	RESP 100, 101, 120	RESP 105, 110	3	
RESP 170	Intro to Mechanical Ventilation	RESP 100, 101, 120	RESP 105,110, 125	3	
Summer					
RESP 172	Clinical Ethics in Respiratory Care	RESP 105, RESP 110, RESP 170	RESP 175	3	
RESP 175	Clinical Practicum II	RESP 125	RESP 172	4	
Semester 3					
RESP 200	Neonatology and Pediatrics	RESP 170, RESP 175		3	
RESP 210	Cardiovascular Assessment	RESP 170, RESP 175	RESP 200, RESP 220, RESP 225	3	
RESP 220	Clinical Mechanical Ventilation	RESP 170, RESP 175	RESP 200, RESP 210, RESP 225	4	
RESP 225	Clinical Practicum III	RESP 170, RESP 175	RESP 200, RESP 210, RESP 220	4	
Semester 4					
RESP 275	Clinical Practicum IV	RESP 225	RESP 250	6	
RESP 250	Respiratory Care Senior Seminar	RESP 220, RESP 225	RESP 275	3	
Total Credits				77	

Advice on Choosing Electives

Associate in Science Curriculum Worksheet Health Science, Pre-Respiratory Therapy

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Admissions Requirements (Students must take these prior to acceptance to Respiratory Therapy.)

COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
BIOL 132	Anatomy & Physiology I with Lab	MATH 040	ENGL 100 or ENGL 101	4	
	Mathematics Elective (MATH 140 or higher, MATH 155 recommended)	MATH 040		3	

General Education Requirements (Students can take these prior to acceptance to Respiratory Therapy.)

COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
ENGL 100	English Composition	ENGL 080		3	
ENGL 115	Introduction to Literature	ENGL 100 or ENGL 101		3	
FIGS 102	Student Success – Health Sciences			1	
BIOL 138	Anatomy & Physiology II with Lab	BIOL 132		4	
	Fine Arts or Humanities Elective			3	
	Social Science Elective			3	

Major Required Courses

COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
RESP 100	Respiratory Therapy Patient Care	RESP program acceptance	RESP 101, RESP 120	3	
RESP 101	Gas, Humidity, and Aerosol Therapy	RESP program acceptance	RESP 100, RESP 120	4	
RESP 105	Pulmonary Assessment	BIOL 138, RESP 100, RESP 101, RESP 120	RESP 110, RESP 125	3	
RESP 110	Airway Management	BIOL 138, RESP 100, RESP 101, RESP 120	RESP 105, RESP 125	3	
RESP 120	Cardiopulmonary Renal Anatomy & Physiology	RESP program acceptance	RESP 100, RESP 101, BIOL 138	4	
RESP 125	Clinical Practicum I	RESP 100, RESP 101, RESP 120	RESP 105, RESP 110	3	
RESP 170	Intro to Mechanical Ventilation	RESP 100, RESP 101, RESP 120	RESP 105, RESP 110, RESP 125	3	
RESP 172	Clinical Ethics in Respiratory Care	RESP 105, RESP 110, RESP 170	RESP 175	3	
RESP 175	Clinical Practicum II	RESP 125	RESP 172	4	
RESP 200	Neonatology and Pediatrics	RESP 170, RESP 175		3	
RESP 210	Cardiovascular Assessment	RESP 170, RESP 175	RESP 200, RESP 220, RESP 225	3	
RESP 220	Clinical Mechanical Ventilation	RESP 170, RESP 175	RESP 200, RESP 210, RESP 225	4	
RESP 225	Clinical Practicum III	RESP 170, RESP 175	RESP 200, RESP 210, RESP 220	4	
RESP 250	Respiratory Care Senior Seminar	RESP 220, RESP 225	RESP 275	3	
RESP 275	Clinical Practicum IV	RESP 225	RESP 250	6	