



# Academic & Career **PATHWAYS**

## **Bachelor in Applied Science (BAS) Respiratory Care Program – Advising Guide**

A Bachelor of Applied Science (BAS) in Respiratory Care is a four-year degree program. The program combines a strong foundation in the biological and medical sciences with specialized coursework in respiratory care. The goal is to equip students with the knowledge and skills necessary to become competent respiratory therapists. Graduates of a BAS in Respiratory Care program are eligible to take the National Board for Respiratory Care (NBRC) credentialing exams, which are required to become a licensed and certified respiratory therapist (CRT or RRT). Respiratory therapists play a critical role in helping patients with respiratory and cardiopulmonary issues breathe easier and improve their quality of life. A BAS in Respiratory Care equips students with the knowledge and skills needed to excel in this rewarding healthcare profession.

**\*Advising note: Designed for students who are beginning their college experience and want to earn an MCC associate degree on the way to the BAS in Respiratory Care.**

Course		Degree Requirements Met	Credits	Action Steps
<b>Semester 1</b>				
<input type="checkbox"/>	CHEM 105 Introductory Chemistry for Health Sciences	Program Requirement	5	<ul style="list-style-type: none"> <li>Meet with Student Success Advisor to build degree plan</li> <li>Apply to program</li> </ul>
<input type="checkbox"/>	BIO 110 Human Anatomy	Program Requirement	5	
<input type="checkbox"/>	PSYC140 General Psychology	General Education Requirement	3	
<input type="checkbox"/>	ENGL 101 Composition & Reading 1	General Education Requirement	3	
<b>Total Semester Credits</b>			<b>16</b>	
<b>Semester 2</b>				
<input type="checkbox"/>	BIOL 210 Human Physiology	Program Requirement	5	<ul style="list-style-type: none"> <li>Meet with Student Success Advisor</li> </ul>
<input type="checkbox"/>	BIOL 137 Pathophysiology	Program Requirement	4	
<input type="checkbox"/>	ENGL 102 Composition & Reading 2	General Education Requirement	3	
<input type="checkbox"/>	POLS 136 Intro to U.S. National Politics <b>OR</b> HIST 120 U.S. History to 1865 <b>OR</b> HIST 121 U.S. History since 1865 ( <b>Choose one</b> )	Civic/American Instructions Elective	3	
<b>Total Semester Credits</b>			<b>15</b>	
<b>Semester 3</b>				
<input type="checkbox"/>	BIOL 208 Microbiology	Program Requirement	5	<ul style="list-style-type: none"> <li>Meet with Student Success Advisor</li> </ul>
<input type="checkbox"/>	MATH 115 Statistics <b>OR</b> MATH 119 Math Reasoning/Modeling <b>OR</b> MATH 120 College Algebra ( <b>Choose one</b> )	General Ed/Math Requirement	3	
<input type="checkbox"/>	Choose from ARAB 101, ARAB 102, ART 110, ART 108, ART 150, ART 151, CHIN 101, CHIN 102, COMM 128, ENGL 201, ENGL 205, ENGL 209, ENGL 214, ENGL 216, ENGL 218, ENGL 220, ENGL 221, ENGL 222, ENGL 223, ENGL 254, ENGL 255, ENGL 260, ENGL 262, ENGL 264, ENGL 267, ENGL 268, FREN 101, FREN 102, HIST 133, HIST 134, GERM 101, GERM 102, MUSI 101, MUSI 103, MUSI 105, MUSI 107, MUSI 108, MUSI 116, MUSI 134, MUSI	General Education Elective Requirement	3	

	160, PHIL 100, PHIL 101, PHIL 103, PHIL 200, PHIL 203, SPAN 101, SPAN 102, THEA 106. <b>(Choose one)</b>			
<input type="checkbox"/>	COMM 100 Fundamentals of Speech <b>OR</b> COMM 102 Human Communication	Oral Communication General Ed Requirement	3	
<b>Total Semester Credits</b>			<b>14</b>	
<b>Semester 4</b>				
<input type="checkbox"/>	PSY 243 Human Lifespan Development	Program Requirement	4	<ul style="list-style-type: none"> <li>• Meet with Student Success Advisor</li> <li>• Complete <a href="#">Civics Exam</a> with 70% or higher</li> </ul>
<input type="checkbox"/>	Choose from ANTH 100, ANTH 110, ECON 110, ECON 210, ECON 211, GEOG 105, GEOG 113, POLS 234, SOCI 160 <b>(Choose one)</b>	Social/Behavioral Elective Requirement	3	
<input type="checkbox"/>	Additional BAS Elective (100-level or above)	General Education/Elective Requirement	3	
<input type="checkbox"/>	Additional BAS Elective (100-level or above)	General Education/Elective Requirement	3	
<input type="checkbox"/>	Additional BAS Elective (100-level or above)	General Education/Elective Requirement	3	
<b>Total Semester Credits</b>			<b>16</b>	
<b>Semester 5</b>				
<input type="checkbox"/>	RESP 211 Cardiopulmonary & Renal A & P	Program Requirement	2	Meet with Student Success Advisor to build degree plan
<input type="checkbox"/>	RESP 212 Fundamentals of Respiratory Care	Program Requirement	6	
<input type="checkbox"/>	RESP 213 Respiratory Care Pharmacology	Program Requirement	2	
<input type="checkbox"/>	BIOL 150 Medical Terminology	Program Requirement	2	
<b>Total Semester Credits</b>			<b>12</b>	
<b>Semester 6</b>				
<input type="checkbox"/>	RESP 311 Respiratory Critical Care 1	Program Requirement	4	Meet with Student Success Advisor to build degree plan
<input type="checkbox"/>	RESP 312 Pathophysiology of Respiratory Care	Program Requirement	2	
<input type="checkbox"/>	RESP 313 Neonatal/Pediatric Respiratory Care	Program Requirement	2	
<input type="checkbox"/>	RESP 314 Respiratory Cre Diagnostics	Program Requirement	4	
<input type="checkbox"/>	RESP 330 Clinical Applications 1	Program Requirement	2	
<b>Total Semester Credits</b>			<b>14</b>	
<b>Semester 7</b>				
<input type="checkbox"/>	RESP 323 Pathophysiology of Respiratory Care 2	Program Requirement	2	Meet with Student Success Advisor to build degree plan
<input type="checkbox"/>	RESP 331 Clinical Applications 2	Program Requirement	6	
<b>Total Semester Credits</b>			<b>8</b>	
<b>Semester 8</b>				
<input type="checkbox"/>	RESP 420 Critical Care 2	Program Requirement	4	<ul style="list-style-type: none"> <li>• Meet with Student Success Advisor to build degree plan</li> <li>• Meet with <a href="#">Career Center</a></li> </ul>
<input type="checkbox"/>	RESP 432 Clinical Applications 3	Program Requirement	6	
<input type="checkbox"/>	RESP 433 Clinical Specialty 1	Program Requirement	3	
<b>Total Semester Credits</b>			<b>13</b>	
<b>Semester 9</b>				
<input type="checkbox"/>	RESP 421 Senior Seminar	Program Requirement	6	<ul style="list-style-type: none"> <li>• <a href="#">Apply</a> for Graduation</li> <li>• Apply for jobs</li> </ul>
<input type="checkbox"/>	RESP 434 Clinical Specialty 2	Program Requirement	6	
<b>Total Semester Credits</b>			<b>12</b>	
<b>Credits Required for BAS Degree</b>			<b>120</b>	
*The BAS in Respiratory Care requires a minimum of 120 total credits to graduate. When selecting a course from multiple options, please consider the number of credits for each course to ensure meeting the minimum requirements for graduation.				

The Bachelor of Applied Science in Respiratory Care program at Metropolitan Community College, CoARC program number 200698, located at Penn Valley (Health Science Institute, 3444 Broadway, Kansas City, MO 64111), holds Provisional Accreditation from the Commission on Accreditation for Respiratory Care ([www.coarc.com](http://www.coarc.com)).

Please note:

- Courses may require a prerequisite or appropriate placement, see the [Academic Catalog](#) for additional information.
- This is a selective admissions program to which students must apply and be admitted. Please see the website for admission requirements.