



# RESPIRATORY CARE

## 3 YEAR BS

For more info see [KC.edu/respiratory](https://www.kettering.edu/respiratory)

## About the Profession

Respiratory care is one of the most rapidly growing and challenging specialty areas in the allied health sciences. The respiratory care practitioner, also known as the respiratory therapist, assists the physician in the diagnostic evaluation, treatment, management, and rehabilitation of patients with cardiopulmonary disease. They serve diverse patients (newborn infants, pediatric, adults, and geriatric populations) in a variety of settings (acute care hospitals/ medical centers, skilled nursing facilities, outpatient rehabilitation programs, physician offices, and in-home care).

## About the Degree

The respiratory care degree for entry into the profession is designed to prepare students to function with the intelligence, skills, and behaviors of a registered respiratory therapist through various technical courses and clinical experiences. These experiences include cardiopulmonary assessment, basic care in oxygen, aerosol, hyperinflation, bronchial hygiene therapies, critical care, physiologic monitoring, cardiopulmonary diagnostics and rehabilitation, home care, as well as neonatal and pediatric respiratory care.

The religion, humanities, social sciences, math, and sciences courses assist the student to develop an understanding of self, the environment, and one's relationship to life and service. In addition, the respiratory care student will study the expanded therapist's role in the health care system including research, leadership, management, and education.

Following successful completion of the program, students receive a Bachelor of Science degree with a major in respiratory care and are eligible for the credentialing examinations offered by the Registered Respiratory Therapist.

## Approval & Accreditation

Kettering College is accredited by the Higher Learning Commission (HLC), approved by the Accrediting Association of the General Conference of Seventh-day Adventist Colleges, Schools, & Universities (AAA) and authorized by the Ohio Department of Higher Education.

The Kettering College respiratory care department is accredited by the Commission on Accreditation for Respiratory Care (CoARC), 1248 Harwood Road, Bedford, Texas 76021-4244, (817) 283-2835. For further information regarding the Kettering College respiratory care program outcomes data, please visit the CoARC website at [www.coarc.com](http://www.coarc.com).

## Admission Basics

Applicants are considered for admission based on the following criteria:

- Applicants are evaluated holistically based on GPA (high school or college) and test scores through the ACT or SAT.
- Provide evidence of a quality academic background in basic science and mathematics. This will include a grade of at least C+ in high school algebra II and two science courses with laboratories, selected from biology, chemistry, or physics. A minimum grade of C is required for all college-level math and science courses whether completed at Kettering College or elsewhere.
- Score of at least 70 percent on Kettering College math placement exam.
- Additional acceptance qualifiers such as completion of job shadow experience, status as a current Kettering College student, ACT composite and/or SAT scores may influence acceptance.

## Application Deadlines

**Early Action deadline:** Students who submit all application documents by January 31 will be considered for early program admission. The admission decision will be communicated by the end of February. An admitted student will have until May 1 to either accept or decline their offer of admission.

**Regular Decision deadline:** Students who submit all application documents by May 25 will be considered for program admission and the admissions office will continue accepting applications as seats become available. Once students have been notified of the admission decision, they will have 10 days to accept or decline their offer of admission.

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YEAR 1		Fall	Winter	Summer
CHEM 105	Chemistry for Health Sciences	4		
HIST	History Sequence I	3		
ENGL 101	Writing and Rhetoric I	3		
MATH 155	College Algebra	3		
PSYC 112	General Psychology	3		
BIOL 119	Human Anatomy and Physiology I		4	
COMM 215	Introduction to Human Communication		3	
HIST	History Sequence II		3	
HUMN	Humanities elective		3	
SOCI 115	Sociology		3	
BIOL 129	Human Anatomy and Physiology II			4
HUMN	Humanities elective			3
KETC 101	Medical Terminology			1
PEAC 178	Wellness			1
PEAC	Physical education elective			1
TOTAL		16	16	10

YEAR 2		Fall	Winter	Summer
RELB 101	Seventh-day Adventist Fundamental Beliefs and the Healing Ministry of Christ	3		
RESB 100	Survey of Respiratory Care	1		
RESB 110	Integrated Respiratory Care Sciences	2		
RESB 205	Cardiopulmonary Anatomy & Physiology	3		
RESB 310	Cardiopulmonary Assessment	3		
RESB 307	Respiratory Protocols I (with lab)	3		
RESB 308	Clinical 1 Respiratory Protocols	2		
ENGL 118	Writing and Research in the Health Care Professions		3	
RESB 312	Cardiopulmonary Pathology		3	
RESB 330	Respiratory Care Pharmacology		3	
RESB 317	Respiratory Protocols II (with lab)		3	
RESB 318	Clinical 2 Respiratory Protocols		2	
RELP 316	Spirituality in Healing & Healthcare		3	
RELP 254	Morality and Medicine: Christian Perspective on Bioethical Issues			3
RESB 335	Pulmonary Diagnostics			3
RESB 324	Introduction to Critical Care (with lab)			3
RESB 326	Clinical 3 Diagnostics & Critical Care			2
TOTAL		17	17	11

YEAR 3		Fall	Winter	Summer
HESC 431	Teaching Learners in Health Care	3		
RESB 407	Critical Care Case Management (with lab)	3		
RESB 344	Introduction to Neonatal Pediatric Respiratory Care		3	
RESB 320	Cardiopulmonary Monitoring		3	
RESB 408	Clinical 4 Respiratory Critical Care		2	
SOCI 375	Cultural Diversity in Health Care		3	
HESC 348	Concepts of Management and Leadership in Health Care		3	
MATH 215	Probability and Statistics		4	
RESB 410	Outpatient Respiratory Care Services		2	
RESB 417	Advanced Practice in Neonatal Pediatric Respiratory Care (with lab)		3	
RESB 420	Respiratory Care Capstone		2	
RESB 418	Clinical 5 Advanced Critical Care		2	
HESC 318	Introduction to Health Care Research			3
RELP 306	Spiritual Dimensions of Death and Dying			3
RESB 426	Respiratory Care Summative Practicum			6
TOTAL		17	16	12
TOTAL CREDITS FOR DEGREE				132

