



KETTERING COLLEGE OF MEDICAL ARTS

Respiratory Care

Associate and Bachelor of Science degrees



career info

Respiratory care is one of the most rapidly growing and challenging specialty areas in the allied health sciences. The primary purpose of respiratory care is to aid the physician in the diagnostic evaluation, treatment, and rehabilitation of patients with lung and/or heart disease.

About the Programs

THE RESPIRATORY CARE PROGRAM at Kettering College is designed to prepare students to function with intelligence, skill, and responsibility in this specialty area. Following successful completion of the second year, students receive an associate's degree and are eligible for credentialing examinations offered by the National Board for Respiratory Care.

Completion of the Bachelor of Science in Health Professions degree provides additional training in respiratory care, as well as advanced skills, knowledge, and values which expand the therapist's role in the health care system. This is accomplished through the various technical courses offered. In addition, the respiratory care student will draw from the arts and sciences courses, which help the student develop an understanding of self, the environment, and one's relationship to life and service.

Pre-enrollment Requirements

1. Applicants must maintain minimal acceptance requirements in all academic work prior to matriculation into the program.
2. All students accepted for admission into the program must complete a mandatory four-hour job shadow experience with a respiratory therapist in a health care setting prior to course registration. Forms to document the job shadow experience are available at www.kcma.edu or in the admissions office.
3. Students must request and pay to have a criminal background check performed by a College-approved service no more than six months prior to beginning the clinical experience. Please contact the admissions office for approved service contact information. Commencement of the clinical portion of the program is contingent upon successful clearance of the background check.
4. In order to participate in clinical activities, all students must have personal health insurance coverage and must maintain coverage during the time they are enrolled for professional courses (RESA).

Approval and Accreditation

KETTERING COLLEGE IS ACCREDITED by the North Central Association of Colleges and Schools, approved by the Seventh-day Adventist Board of Regents, and authorized by the Ohio Board of Regents. The respiratory care program is accredited by the Commission on Accreditation of Allied Health Education Programs upon recommendation by the Committee on Accreditation for Respiratory Care.

ADMISSION BASICS

Applicants are considered for admission to the respiratory care program based on the following criteria:

1. Graduation from an accredited high school with a minimum cumulative GPA of 2.30 (GED score of 500) or have a previous college minimum cumulative GPA of 2.30 for at least 12 semester hours of credit.
2. A quality academic background in basic science and mathematics. This will include a grade of at least C in one algebra course and two science courses, selected from biology, chemistry, or physics. One of the science courses should include a laboratory.
3. A pre-admission interview with program personnel and/or alumni.
4. Completed student personal statement.
5. Additional qualifiers such as job shadow experience, status as a current KCMA student, KCMA recommendation forms, ACT composite score, and a GPA of 2.80 may influence acceptance.

2009-10

For More Information

For more information, see www.kcma.edu. To schedule an appointment, call (937) 298-3399 ext. 55644.

Associate and Bachelor of Science degrees in Respiratory Care

SUGGESTED COURSE OF STUDY

ASSOCIATE OF SCIENCE IN RESPIRATORY CARE

First year

		Semester hours by term		
		Fall	Winter	Summer
CHEM 105	Chemistry for Health Sciences	4		
MATH 105	Fundamentals of Math	3		
ENGL 105	Academic Discourse I	3		
RESA 101	Patient Assessment	3		
RESA 112	Cardiopulmonary Anat. and Phys.	3		
BIOL 119	Human Anatomy and Physiology I		4	
ENGL 118	Writing and Research in the Health Care Professions		3	
RESA 226	Pharmacology		2	
RESA 104	Case-based Pulmonary Pathology 1		2	
RESA 124	Respiratory Therapeutics		3	
RESA 125	Respiratory Care Clinical Practice 1		2	
RELB 110	Biblical Resources for Understanding Health Care			2
PEAC 178	Wellness			1
RESA 220	Respiratory Therapeutic and Diagnostic Procedures			3
RESA 222	Respiratory Therapeutic and Diagnostic Clin. Practice			2
TOTAL		16	16	8

Second year

		Semester hours by term		
		Fall	Winter	Summer
BIOL 151	Microbiology	4		
RELB	Religion (Bible) elective	2		
RESA 217	Neonatal/Pediatric Respiratory Care	3		
RESA 204	Case-Based Pulmonary Pathology II	2		
RESA 230	Critical Care	4		
RESA 231	Critical Care Clinical Practice	2		
RELX	Religion elective		2	
PEAC	Physical Education Elective		1	
PSYC 112	General Psychology		3	
RESA 241	Advanced Diagnostics		3	
RESA 242	Advanced Diagnostics Clinical Practice		2	
RESA 250	Respiratory Care Capstone		2	
RESA 243	Special Procedures		3	
RESA 294	Respiratory Care Practicum			6
TOTAL		17	16	6
TOTAL CREDITS		79		

EXTENDED CURRICULUM: A student wishing to take the respiratory care curriculum in an extended program of study may do so by distributing the first two years of coursework over a three-year period. This is also advantageous to those who prefer a less demanding study program. Contact the department office for more information.

BACHELOR OF SCIENCE IN HEALTH PROFESSIONS, RESPIRATORY CARE

Third year

		Semester hours by term		
		Fall	Winter	Summer
RESA 3xx	Required cognate course	3		
HEPR 380	Introduction to Health Care Professional Studies		1	
HEPR 330	Community Health Perspectives		3	
RELP 315	Spirituality in Healing and Health Care		2	
MATH 215	Probability and Statistics		4	
HEPR 375	Cultural Diversity in Health Care		3	
RESA 3xx	Required cognate course		3	
HEPR 340	Legal and Ethical Considerations in Health Care		3	
	Social Science elective		3	
RELB 3xx	Religion Elective		2	
	General electives			6
TOTAL		13	14	6

Fourth year

		Semester hours by term		
		Fall	Winter	Summer
RESA 3xx	Required cognate course	3		
HEPR 310	Health Care Economics and Finance	3		
HEPR	Elective	3		
	Humanities Group II Elective	3		
RELX 3xx	Religion Elective	2		
HEPR	Elective		3	
HEPR 410	Health Care Statistics and Research		3	
HEPR 480	Capstone/Senior Project		1	
	Humanities Group II Elective		3	
	General electives		3	3
TOTALS		14	13	3
TOTAL CREDITS		64		



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3737 Southern Blvd. • Kettering, OH 45429
www.kcma.edu • (800) 433-5262