

Description of the Profession

Respiratory Therapists evaluate and treat patients with cardiopulmonary disorders, and are actively involved in health promotion and disease prevention. They care for all sorts of patients, from the premature infant to the extremely old, and practice in a variety of settings, ranging from patients' homes to the highest level of critical care units. Following a carefully planned sequence of classroom and laboratory instruction, as well as supervised clinical practice, students in this major will learn the skills needed to be successful as a Respiratory Therapist. They will learn diagnostic procedures ranging from physical examination to the use of highly sophisticated computerized equipment. Patient treatment skills will include everything from the administration of medical gases and inhaled medications to maintaining critically ill patients on ventilators. Students will also develop critical thinking and problemsolving skills that will enable them to be effective in the education and rehabilitation of their patients.

General Studies Requirements

Students will complete their general studies at their "home" university. During this time they will complete graduation requirements of the university. In addition, prerequisite courses for the Respiratory Therapy Program include the following:

English (2 courses)
Speech
Chemistry with Lab
Introductory Psychology
Developmental Psychology/
Life Span Development
College Level Mathematics (2 courses)
Human Anatomy with Lab
Ethics
Physics
Human Physiology with Lab
Computer Science
Statistics
Microbiology



Accreditation

The program is accredited by the Commission on Accreditation for Respiratory Care.
1248 Harwood Road, Bedford TX 76021.
Phone 817-283-2835
www.coarc.com



Admission

Admission to the university does not guarantee acceptance to the Professional Studies phase of the program. Students may apply for admission to the Professional Studies portion of the program when the following requirements are met:

- 28 hours of required courses are completed
- 10 of these completed hours are in required math/science courses "C" or better in required math/
- science courses
 2.5 overall GPA
- completion and documentation of at least three hours of clinical
 - observation

Professional Courses

Students must take the professional portion of the degree in Indianapolis. While in Indianapolis, students attend classroom and laboratory courses at IU Health Methodist Hospital. Clinical instruction in Respiratory Therapy is provided by various hospitals and other healthcare organizations in central Indiana. Graduates of the program will receive a Bachelor of Science degree and are eligible for Indiana licensure. They are also eligible to take a nationally recognized examination to become a Registered Respiratory Therapist (RRT).

Fall Semester-Junior Year

Introduction to Human Disease	2 cr
Cardiorespiratory Physiology	3 cr
Cardiorespiratory Assessment	
and Patient Care	3 cr
General Respiratory Care	4 cr
Respiratory Techniques I	2 cr
Cardiorespiratory Pharmacology I	<u>2 cr</u>
	16 cr

Spring Semester-Junior Year

	16 cr
Cardiorespiratory Pharmacology II	2 cr
Neonatal-Pediatric Respiratory Care	3 cr
Respiratory Care Practicum I	3 cr
Respiratory Techniques II	2 cr
Life Support	3 cr
Cardiorespiratory Diseases	3 cr

Summer Session

Respiratory	Care	Practicum I	I 4 cr
i tobpii atti	Care	I I WOULD WILL I	

Fall Semester-Senior Year

Pulmonary Diagnostics	3 cr
Introduction to Research	
in Respiratory Care	2 cr
Cardiorespiratory Monitoring	
and Special Techniques	3 cr
Respiratory Care Practicum III	6 cr
Pulmonary Rehabilitation	
and Geriatrics	<u>3 cr</u>
	17 cr

Spring Semester-Senior Year

Management and Leadership	
for Respiratory Care	3 cr
Advanced Cardiac Life Support	2 cr
Seminar in Cardiorespiratory Care	3 cr
Patient Education Techniques	3 cr
Respiratory Care Practicum IV	<u>6 cr</u>
	17 cr

For More Information

Program Director Linda Van Scoder, EdD, RRT, FAARC 317-962-8475 Lvanscoder@iuhealth.org

Ball State University Department of Physiology and Health Science 765-285-5961 tlgreenwalt@bsu.edu

Indiana University School of Medicine Division of Pulmonary and Critical Care Medicine 317-278-4752 askhpp@iupui.edu

University of Indianapolis Biology Department 317-788-3406 rsweets@uindy.edu

RESPIRATORY THERAPY



A baccalaureate degree in Respiratory Therapy sponsored by

Indiana Respiratory Therapy Education Consortium

Indiana University Health Ball State University Indiana University School of Medicine University of Indianapolis