

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**



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 problem-solving skills that will enable them to be effective in the education and rehabilitation of their patients.

Admission

Admission to the university does not guarantee acceptance to the Professional Studies phase of the program. Preference in admission will be given to applicants who are residents of the State of Indiana. The number of non-resident applicants accepted into the program will be limited to a maximum of 10% of each class. 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

Applications to the program are due the first business day of February, the year of admission to the professional courses. An admission interview is required during which communication skills in English will be assessed. All prerequisites must be completed by August 15th of the application year.

Due to the vulnerable nature of the patients treated by respiratory therapists, a criminal background check, drug screen, and documentation of vaccinations are required. A valid social security number is necessary to facilitate the background check and allow students access to hospitals that serve as the programs' clinical partners.

General Studies Requirements

Students will complete their general studies at their "home" university. During this time, they will also complete graduation requirements of the university. Specific prerequisite courses for the Respiratory Therapy Program include the following. Acceptable course numbers vary by university.

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| • English (2 courses) | • Statistics | • Human Physiology with Lab |
| • Speech | • Microbiology | • College Level Mathematics
(Algebra or higher-2 courses) |
| • Chemistry with Lab | • Ethics | • Life Span Development/ or
Developmental Psychology |
| • Introductory Psychology | • Physics | |
| • Human Anatomy with Lab | | |

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 examinations 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

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

Summer Session

Respiratory Care Practicum II	4 cr
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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

Accreditation

The Indiana Respiratory Therapy Education Consortium (program number 200039) is fully accredited by the Commission on Accreditation for Respiratory Care, 264 Precision Blvd, Telford, TN 37690, (817-283-2835), <https://www.coarc.com/>

Program outcomes can be found at

<https://coarc.com/students/programmatic-outcomes-data/>



For More Information

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<https://medicine.iu.edu/education/undergraduate-health-professions/degrees/bachelor-respiratory-therapy/>

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