



Get Started



IVY Tech Community College Associate of Applied Science to Respiratory Care to University of Cincinnati Bachelor of Science in Respiratory Therapy

Semester 1

Anatomy & Physiology I	3 hour
English Composition	3 hours
Student Success in Healthcare	1 hour
Quantitative Reasoning	3 hours
Introduction to Psychology or Sociology	3 hours

Semester 3

Assessment and Caring for a Respiratory Patient	6 hours
Cardiopulmonary Anatomy and Physiology	3 hours
Cardiopulmonary Pharmacology	3 hours

Semester 5

Pediatric and Neonatal Advanced Critical Care	3 hours
Clinical Applications in Advanced Assessment and Care of a Cardiopulmonary Patient	2 hours
Advanced Emergency Management	1 hour

Semester 7

Advanced Respiratory Care and Comprehensive Review	3 hours
Extended Care for the Cardiopulmonary Patient	2 hours
Advanced Clinical Applications in Critical Care and Specialty Rotations	3 hours

UC Semester 2

Integration Delivery of Respiratory Therapy	3 hours
Care-giving in the Respiratory Therapy Profession	3 hours
Management in Respiratory Therapy	3 hours

UC Semester 4

Research Methods & Analysis	9 hours
Advanced Respiratory Therapy/Leadership & Project Management	4 hours
Molecular Biology	4 hours

Semester 2

Anatomy & Physiology II	3 hours
Chemistry (options)	3 hours
Microbiology (options)	3 hours
Communications (options)	3 hours

Semester 4

Advanced Assessment and Care of a Cardiopulmonary Patient	3 hours
Clinical Applications of Assessment and caring for a Respiratory Patient	2 hours
Concepts in Adult Critical Care	3 hours
Cardiopulmonary Pathophysiology	3 hours

Semester 6

Clinical Applications and Concepts in Critical Care III	5 hours
Advanced Concepts in Cardiopulmonary Diagnostic Procedures	4 hours

UC Online Semester 1

Ethics of Respiratory Therapy	3 hours
Community Health Problems and Practices	3 hours
Health Care Documentation and Communication	3 hours

UC Semester 3

Aging and Respiratory Therapy	3 hours
Disease Management/Patient education	3 hours
Introduction to Respiratory Therapy	3 hours
Research	4 hours

UC Semester 5

Specialty Respiratory Therapy Internship	3 hours
Respiratory Therapy Capstone	6 hours

The following suggested course sequence includes all course requirements for this program's Transfer Degree Map (articulation agreement). You should consult with an academic advisor each semester to ensure you maintain appropriate degree progress and are fulfilling all requirements.