



Get Started



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

Tri-C Admission Requirements Semester

Anatomy and Physiology I	4 hours
Anatomy and Physiology II	4 hours
Composition I	3 hours

Semester 2

Select from Creative Arts Core Curriculum	3 hours
or Select from Language, Philosophy, & Culture Core Curriculum	2 hours
Practicum 2 - Respiratory Care Therapist	2 hours
Respiratory Care Pharmacology	3 hours
Cardiopulmonary Disease	4 hours
Mechanical Ventilation 1	

Semester 5

Simulations for Respiratory Care	1 hour
Practicum IV - Respiratory Care Therapist	2 hours
Practicum V - Respiratory Care Therapist	1 hour
Special Topics in Respiratory Therapy	1 hour
Select from Social & Behavioral Science Core Curriculum	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	

Semester 1

Practicum 1 - Respiratory Care Therapist	1 hour
Cardiopulmonary Anatomy & Physiology	2 hours
Basic Respiratory Care Fundamentals 2	3 hours
Respiratory Care Sciences	2 hours
Respiratory Care Fundamentals 1	4 hours

Semester 3

Clinical 2 - Respiratory Care Therapist	2 hours
Pulmonary Diagnostics	3 hours
Mechanical Ventilation 2	3 hours

Semester 4

Critical Care Monitoring	3 hours
Practicum III - Respiratory Care Therapist	2 hours
Neonatal/Pediatric Cardiopulmonary Care	4 hours
Microbiology for Non-Science Majors	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	4 hours
Research	

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.