



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.