

# BACHELOR OF SCIENCE IN RESPIRATORY CARE

## Course Code Description Credits

### Semester 1 (Fall Year 1)

|          |                        |    |
|----------|------------------------|----|
| BIO 1200 | Anatomy & Physiology 1 | 4  |
| CHE 1120 | Org & Bio Chemistry    | 4  |
| PSY 1110 | General Psychology     | 3  |
| ENG 1100 | English Composition    | 3  |
| FST 1000 | College Experience     | 1  |
| PED      | General Education      | 1  |
| Total    |                        | 16 |

### Semester 2 (Spring Year 1)

|             |                        |    |
|-------------|------------------------|----|
| BIO 1210    | Anatomy & Physiology 2 | 4  |
| MAT 1160    | College Algebra        | 3  |
| PHI/TRS     | General Education      | 3  |
| HIS/POL/SOC | General Education      | 3  |
| COM         | General Education      | 3  |
| Total       |                        | 16 |

### Semester 3 (Fall Year 2)

|             |                   |    |
|-------------|-------------------|----|
| BIO 2450    | Microbiology      | 4  |
| PHI/TRS     | General Education | 3  |
| ART/MUS     | General Education | 3  |
| LANG        | General Education | 3  |
| HIS/POL/SOC | General Education | 3  |
| Total       |                   | 16 |

### Semester 4 (Spring Year 2)

|               |                       |    |
|---------------|-----------------------|----|
| PHY 1600      | Physics               | 3  |
| LANG2/ENG LIT | General Education     | 3  |
| ETH 288 0     | Medical Ethics        | 3  |
| RES 2010      | Fund Respiratory Care | 1  |
| RES 2800      | Human Disease         | 2  |
| Elective      | Elective              | 3  |
| Total         |                       | 15 |

### Semester 5 (Fall Year 3)

|          |                            |    |
|----------|----------------------------|----|
| RES 3000 | Respiratory Care I         | 3  |
| RES 3010 | Respiratory Care II        | 3  |
| RES 3020 | Res Care Therapeutics I    | 4  |
| RES 3030 | Clin Concepts & Assessment | 3  |
| RES 2900 | Respiratory Pharmacology   | 3  |
| Total    |                            | 16 |

### Semester 6 (Spring Year 3)

|          |                             |    |
|----------|-----------------------------|----|
| RES 3260 | Fund Mechanical Ventilation | 5  |
| RES 3600 | Respiratory Pathophysiology | 3  |
| RES 3250 | Gen Res Care Clinical       | 2  |
| RES 3270 | Pulmonary Function Testing  | 2  |
| RES 3280 | Res Care Therapeutics II    | 2  |
| Total    |                             | 14 |

### Semester 7 (Summer Year 3)

|          |                           |   |
|----------|---------------------------|---|
| RES 3500 | Critical Care Practicum I | 4 |
| RES 3510 | PFT Practicum             | 1 |
| Total    |                           | 5 |

### Semester 8 (Fall Year 4)

|          |                             |    |
|----------|-----------------------------|----|
| RES 4000 | Neonatal/Pediatric Res Care | 4  |
| RES 4260 | Res Care Therapeutics III   | 4  |
| RES 4500 | Critical Care Practicum II  | 2  |
| RES 4650 | Critical Thinking Res Care  | 2  |
| RES 4600 | Res Care Management I       | 3  |
| Total    |                             | 15 |

### Semester 9 (Spring Year 4)

|          |                          |    |
|----------|--------------------------|----|
| RES 4480 | Hemodynamics             | 3  |
| RES 4900 | Senior Seminar /Research | 3  |
| RES 4510 | Specialty Practicum      | 2  |
| RES 4610 | Res Care Management II   | 3  |
| CORE     | General Education        | 4  |
| Total    |                          | 15 |



**HELPING OTHERS  
BREATHE EASIER**

### *A Dynamic Allied Health Professional*

As Respiratory Therapists we are actively engaged in the therapeutic and diagnostic treatment of people of all ages who have respiratory conditions.

Respiratory Therapy is considered one of the fastest growing health care areas. Employment opportunities are expected to increase by 14% between the years 2021-2031.

The salary for a Respiratory Therapist is highly competitive, the hours are flexible and the possibilities are endless. Many graduates are employed by our 14 clinical and hospital sites.



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