

RESPIRATORY THERAPY, B.R.T.

Students may be required to pay for travel and accommodations for some clinical placements.

Degree Requirements

Academic Education

| Course | Title | Hours |
|--------------------|--|------------|
| Year 1 | | |
| ANAT 1030 | Human Anatomy | 3 |
| RESP 1400 | Introduction to Professional Practice | 3 |
| RESP 1410 | Health Systems and Respiratory Care | 3 |
| RESP 1420 | Applied Physiology for Respiratory Therapy | 6 |
| RESP 1430 | Respiratory Therapeutics 1 | 6 |
| RESP 1440 | Pharmacology | 3 |
| RESP 1450 | Principles of Mechanical Ventilation | 6 |
| RESP 1460 | Basic Fieldwork 1 | 4 |
| Hours | | 34 |
| Year 2 | | |
| REHB 2450 | Research Methodology for Medical Rehabilitation | 3 |
| RESP 2200 | Primary Care in Respiratory Therapy | 3 |
| RESP 2210 | Pathophysiology | 6 |
| RESP 2220 | Physical Examination and Health Assessment | 3 |
| RESP 2230 | Respiratory Therapeutics 2 | 6 |
| RESP 2240 | Clinical Mechanical Ventilation | 3 |
| RESP 2250 | Ventilator Instrumentation | 3 |
| RESP 2260 | Cardiopulmonary Diagnostics | 3 |
| RESP 2380 | Basic Fieldwork 2 | 4 |
| RESP 2390 | Clinical Integration and Simulation | 6 |
| Hours | | 40 |
| Year 3 | | |
| RESP 3320 | Clinical Education in Pediatric Respiratory Care | 3 |
| RESP 3350 | Clinical Education in Pulmonary Diagnostics | 3 |
| RESP 3360 | Clinical Education in Anesthesia | 3 |
| RESP 3370 | Clinical Education in Community Care | 4 |
| RESP 3410 | Clinical Education in Critical Care | 8 |
| RESP 3420 | Clinical Education in Neonatal Care | 5 |
| RESP 3430 | Clinical Education in General Therapeutics | 6 |
| RESP 3440 | Current Topics in Respiratory Therapy | 6 |
| Hours | | 38 |
| Total Hours | | 112 |

Students may not obtain any grade lower than "C" in all required courses.

Clinical/Fieldwork Education

Sixteen hundred (1,600) full-time hours of clinical/fieldwork experience are required. Three hundred and twenty (320) hours of clinical education time is organized into blocks that occur during years one and two of the B.R.T. program. The remaining 1,280 hours of clinical placements may occur in another province and will occur in both urban and rural settings.