



Proposed 4 Year Curriculum B.S. Respiratory Care

Freshman Year 1st Semester

Animal Biology	4 Hrs.
General Chemistry I	4 Hrs.
Algebra	3 Hrs.
English-Basic Writing Skills	3 Hrs.
Physical Education	1 Hr.

2nd Semester

Plant Biology	4 Hrs.
General Chemistry II	4 Hrs.
Pre-Calculus Mathematics	3 Hrs.
English-Technical Writing	3 Hrs.
Physical Education	1 Hr.

Sophomore Year 1st Semester

Organic Chemistry I	4 Hrs.
Human Anatomy	4 Hrs.
General Physics I	4 Hrs.
General Psychology	3 Hrs.

2nd Semester

Organic Chemistry II	4 Hrs.
Human Physiology	4 Hrs.
General Physics II	4 Hrs.
Computer Applications in Health Care Delivery	3 Hrs.

Junior Year 1st Semester

Microbiology	4 Hrs.
Cardiopulmonary Anatomy & Physiology	2 Hrs.
Fundamentals of Respiratory Care	4 Hrs.
Oxygen and Aerosol Therapy	3 Hrs.
Respiratory Care Practice I	2 Hrs.

2nd Semester

Mechanical Ventilation	4 Hrs.
Acid-Base Physiology	3 Hrs.
Respiratory Care Practice II	4 Hrs.
Cardiopulmonary Evaluation	3 Hrs.
Cardiopulmonary Health Promotion and Disease Prevention	1 Hr.

**Senior Year
1st Semester**

Respiratory Care Practice III	3 Hrs.
Cardiopulmonary Pharmacology	2 Hrs.
Cardiopulmonary Pathophysiology	3 Hrs.
Geriatrics and Gerontology	2 Hrs.
Respiratory Care for the Medical-Surgical Patient	3 Hrs.
Respiratory Care Seminar	2 Hrs.

2nd Semester

Respiratory Care Practice IV	4 Hrs.
Neonatal Respiratory Care	2 Hrs.
Home Care and Cardiopulmonary Rehab	1 Hr.
Management and Supervision of a Respiratory Care Department	3 Hrs.
Special Procedures in Respiratory Care	3 Hrs.
Oral Communication	3 Hrs.