

**DEGREE PLAN LEADING TO THE  
BACHELOR OF SCIENCE DEGREE IN  
RESPIRATORY THERAPY  
BY LEVEL AND SEQUENCE**

**Freshman**

**First Semester**

BIOL 131 (Biological Science I, Lecture), 3 cr  
CHEM 111 (General Chemistry I Laboratory), 1 cr  
CHEM 131 (General Chemistry I, Lecture), 3 cr  
ENG 131 (Freshman English I), 3 cr  
MATH 133 (College Algebra), 3 cr  
Visual and performing arts\* 3 cr

**Second Semester**

BIOL 132 (Biological Science II, Lecture), 3 cr  
CHEM 112 (General Chemistry II Laboratory), 1 cr  
CHEM 132 (General Chemistry II, Lecture), 3 cr  
ENG 132 (Freshman English II)  
MATH 134 (Trigonometry College Math II). 3 cr  
PHAR 212 (Medical Terminology), 1 cr  
HSCR 260 (Biomedical Ethics), 3 cr

**Sophomore**

**First Semester**

BIOL 245 (Human Anatomy and Physiology), 4 cr  
ENG 230-244 (English Literature), 3 cr  
HIST 231 (Social & Political History of the U.S.), 3 cr  
PHYS 237 (General Physics Life Science I, Lecture), 3 cr  
POLS 231 (American Political Systems I), 3 cr

**Second Semester**

HSRT 220 (Respiratory Therapy Clinical Practicum), 2 cr  
HSRT 230 (Introduction to Respiratory Therapy), 3 cr  
HSRT 231 (Cardiopulmonary Systems), 3 cr  
HIST 232 (Social & Political History of U.S. II), 3 cr  
POLS 232 (American Political Systems II), 3 cr  
PHYS 238 (General Physics Life Science II, Lecture), 3 cr

**Summer First Term**

HSRT 222 (Developmental Practicum in Clinical Applications), 2 cr  
HSRT 232 (Intermediate Clinical Applications), 3 cr  
PSY 131 (General Psychology), 3 cr

**Summer Second Term**

HSCR 150 (Concepts of Health), 3 cr  
CS 116 (Computer Introduction), 3 cr

**Junior**

**First Semester**

HSRT 320 (Applied Procedures and Equipment-Clinical Practicum III), 2 cr  
HSRT 321 (Respiratory Therapy Clinical Practicum IV), 2 cr  
HSRT 325 (Pediatric Clinical Practicum), 2 cr  
HSRT 330 (Applied Procedures and Equipment), 3 cr  
HSRT 331 (Theoretical and Applied Respiratory Therapy), 3 cr  
HSRT 334 (Respiratory Care Pharmacotherapy), 3 cr  
HSRT 340 (Neonatal and Pediatric Respiratory Care), 3 cr

**Second Semester**

BIOL 246 (Microbiology for Health Care Professionals), 4 cr  
HSCR 300 (Seminar in Health Sciences), 1 cr  
HSCR 360 (Principles of Disease), 3 cr  
HSRT 322 (Respiratory Therapy Clinical Practicum V), 2 cr  
HSRT 323 (Respiratory Therapy Clinical Practicum VI), 2 cr  
HSRT 332 (Applied Procedures and Equipment), 3 cr  
HSRT 333 (Cardiopulmonary Diseases), 3 cr

**Summer First Term**

HSRT 307 (Respiratory Care Applications I), 1 cr  
HSRT 454 (Critical Care and Internship), 5 cr

**Senior****First Semester**

BIOL 460 (Biostatistics), 3 cr  
HSRT 308 (Respiratory Care Applications II), 1 cr  
HSRT 420 (Comprehensive Respiratory Care), 2 cr  
HSRT 440 (Respiratory Therapy Management I), 4 cr  
SC 233 (Speech Communications for Health Professionals), 3 cr

**Second Semester**

HSRT 435 (Electrocardiographic Technology), 3 cr  
HSRT 441 (Respiratory Therapy Management II), 4 cr  
HSRT 453 (Cardiopulmonary Technology), 5 cr

\*Visual and Performing Arts: THC 130, 231; MUSI 131, 239; ART 131, 132