

# *Bachelor of Science in Respiratory Care*

## Pre-Respiratory Care

Freshman Year	Term Hours	F	W	S	Su
BIO 231	Human Anatomy and Physiology	4			
CHE 101/104	Elementary Chemistry/Lab	4			
MATH 111	College Algebra or				
MATH 243	Introductory Statistics	4			
WRI 121	English Composition	3			
BIO 232	Human Anatomy & Physiology		4		
PSY	PSY 201, 202 or 203		3		
WRI 122	English Composition		3		
	Social Science Elective		3		
	Humanities Elective		3		
BIO 200	Medical Terminology			2	
BIO 233	Human Anatomy & Physiology			4	
SPE 111	Fundamentals of Speech			3	
	Humanities elective			3	
	Social Science Elective			3	
	Social Science/Math/Science Elective				1
	Humanities Elective				3
	Social Science Elective				3
COM 205	Intercultural Communication				3
WRI 227	Technical Writing				3
Total	.....	15	16	15	13

## Professional Courses

### Sophomore Year

RCP 236	Cardiopulmonary Dynamics	4			
BIO 336	Essentials of Pathophysiology	3			
RCP 235	Arterial Blood Gases	2			
RCP 100	Introduction to Respiratory Care	2			
RCP 231	Pulmonary Physiology	4			
BIO 105	Microbiology		4		
CHE 360	Clinical Pharmacology		3		
PSG 221	Physiology of Sleep		3		
RCP 241	Respiratory Gas Therapeutics		4		
RCP 336	Hyperinflation Therapies			3	
RCP 221	Introduction to Patient Assessment			5	
RCP 252	Cardiopulmonary Pharmacology			4	
SPE 321	Small Group and Team Communication			3	
Total	.....	15	14	15	

Junior Year	Term Hours	F	W	S	Su
RCP 337	Pulmonary Pathology	4			
RCP 351	Mechanical Ventilation I	4			
RCP 326	Disaster Preparedness	1			
RCP 388	Neonatal and Pediatric Respiratory Care	4			
RCP 345	Cardiopulmonary Diagnosis and Monitoring		3		
RCP 352	Mechanical Ventilation II		4		
RCP 386	Critical Care		5		
RCP 350	Introduction to Clinical			3	
RCP 353	Mechanical Ventilation III			4	
RCP 366	Clinical Simulation			3	
RCP 335	Pulmonary Rehabilitation and Geriatrics			4	
Total	.....	13	12	14	

All courses must be completed successfully in order to begin the senior courses. In addition, a final grade of “C” or better must be earned in all professional courses (RCP), communication courses and science/mathematics courses to continue in the program.

Senior Year	Term Hours	F	W	S	Su
RCP 440	Case Management/Credentials I				3
RCP 450	Clinical Care I				12
RCP 441	Case Management/Credentials II	3			
RCP 451	Clinical Care II	12			
RCP 442	Case Management/Credentials III		3		
RCP 452	Clinical Care III		12		
Total	.....	15	15		15

Total for program: 187