

Degree & Certificate Requirements

Respiratory Therapy Bachelor of Applied Science (BAS) 2025-2026 Degree Requirements

Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
RT 301	Fundamentals of Respiratory Care I	8		
RT 311	Fundamentals of Respiratory Care I Lab	3		
RT 302	Cardiopulmonary Anatomy & Physiology	6		
RT 303	Fundamentals of Respiratory Care II	8		
RT 313	Fundamentals of Respiratory Care II Lab	3		
RT 304	Respiratory Therapy Pharmacology	6		
RT 305	Fundamentals of Respiratory Care III	6		
RT 315	Fundamentals of Respiratory Care III Lab	3		
RT 306	Advanced Respiratory Pathophysiology	3		
RT 327	Respiratory Therapy Clinical I	4		
RT 401	Fundamentals of Respiratory Care IV	5		
RT 411	Fundamentals of Respiratory Care IV Lab	3		
RT 402	Electrocardiography	2		
RT 412	Electrocardiography Lab	1		
RT 423	Respiratory Therapy Clinical II	3		
RT 403	Fundamentals of Respiratory Care V	6		
RT 413	Fundamentals of Respiratory Care V Lab	3		
RT 424	Respiratory Therapy Clinical III	8		
RT 405	Respiratory Therapy Capstone Project	4		
RT 426	Respiratory Therapy Clinical IV	8		
RT 407	Professional Credentialing Preparation	4		
RT 428	Respiratory Therapy Clinical V	8		

Subtotal 105

Major Support

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
BIOL& 241	Human A&P 1 W/ Lab [M/S]	5-6		
BIOL& 242	Human A&P 2 W/ Lab [M/S]	5-6		
BIOL& 260	Microbiology W/ Lab [M/S]	5-6		
CHEM& 121	Intro to Chemistry W/ Lab [M/S]	5		
CHEM& 122	Intro to Organic Chemistry W/ Lab [M/S]	5		
HSCI 147	Medical Terminology [RE]	5		

Subtotal 30-33

Degree & Certificate Requirements

General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
SOC 334	Sociology of Health and Illness	5		
ENGL 315	Writing for Health Professionals [C]	5		
or				
CMST 320	Health Communication	5		
English - Select 5 credits from the following:				
ENGL& 101	English Composition I [C]	5		
ENGL& 102	Composition II [C]	5		
ENGL& 235	Technical Writing [C]	5		
Communication - select 5 credits from the following:				
CMST& 101	Introduction to Communication Studies [C]	5		
CMST& 210	Interpersonal Communication [C]	5		
CMST& 220	Public Speaking [C]	5		
CMST 260	Multicultural Communication [C]	5		
Quantitative/Symbolic Reasoning - 5 credits:				
MATH& 146	Introduction to Stats [M/S] [Q/SR]	5		
Humanities - 10 credits:				
PHIL 315	Professional Ethics In Healthcare [H]	5		
ICS 310	American Diversity [H]	5		
or				
ICS 320	Culture and Health [H]	5		
Social & Behavioral Sciences - 10 credits:				
ECON 315	Economics of Healthcare [S/B]	5		
PSYC& 100	General Psychology [S/B]	5		
or				
PSYC& 200	Lifespan Psychology [S/B]	5		

Subtotal **45**
Total Credits Required **180-183**

Students must earn a minimum 2.0 grade in all Major courses.