

FCC Curriculum Pathway

The Curriculum Pathway for this major provides full-time students with a suggested guide for completing an Associate degree in 2.5 years (five semesters). Students who require Developmental English and/or Math will need additional semesters to complete their degrees. **It is recommended all students meet with an Advisor each semester to carefully select and sequence courses based on their specific needs.** Using the Curriculum Pathway along with the PeopleSoft Degree Plan allows students to track their progress towards graduation.

* The Respiratory Care program is a competitive, selective admissions program. All Developmental courses and BI 103 must be completed prior to applying to the program.. However, completing Math, EN 101, PS 101, BI 104, BI 120, CMSP 105, and PE prior to applying to the program earns additional points on the "Criteria for Admission Point Scale". Please refer to the "Admissions Procedure" Tab on our website at <http://www.frederick.edu/degrees-certificates/Respiratory-Care.aspx>

Major: Respiratory Care A.A.S.

Catalog Year: Summer 2015-Spring 2017

Course Number	Course	Credit	Complete
Pre-Clinical Semester			
CORE	Mathematics General Education Elective	3	
EN 101	English Composition	3	
BI 103	Human Anatomy and Physiology I	General Education CORE	4
CMSP 105	Small Group Discussion	General Education CORE	3
PS 101	General Psychology	General Education CORE	3
	Total Credits	16	
	*after successful completion of pre-clinical semester courses, student is eligible to apply for admission to the RC program		
First Clinical Year – First Semester (Students Accepted into Program)			
BI 104	Human Anatomy and Physiology II	4	
RC 100	Introduction to Respiratory Care	2	
RC 102	Fundamentals of Respiratory Care	4	
RC 104	Gas Exchange Physiology	2	
	Total Credits	12	
First Clinical Year – Second Semester			
RC 103	Pharmacology	3	
RC 105	Cardiopulmonary & Renal Anatomy and Physiology	3	
RC 107	Principles of Mechanical Ventilation	4	
RC 109	Clinical Practicum I	2	
	Total Credits	12	
Summer Session			
RC 110	Clinical Practicum II	2	
BI 120	Microbiology for Allied Health	4	
	Total Credits	6	
Second Clinical Year – First Semester			
	Physical Education Requirement	1	
RC 202	Pediatric and Neonatal Respiratory Care	3	
RC 204	Cardiac Monitoring and Diagnostics	4	
RC 206	Pulmonary Diagnostics	2	
RC 208	Clinical Practicum III	2	
	Total Credits	12	
Second Clinical Year – Second Semester			
RC 203	Pulmonary Rehabilitation and Home Care	2	
RC 205	Professional Seminar	2	
RC 207	Cardiopulmonary and Renal Pathophysiology	3	
RC 209	Clinical Practicum IV	2	
	Total Credits	9	
Total Credits:		67	