

Curriculum for Respiratory Care

The Master of Respiratory Care entry to practice curriculum in the **first** year introduces the student to the foundation of respiratory care principles including cardiopulmonary physiology and establishes relationships with health professionals prior to clinical, with simulation, patient assessment and professional shadowing, advanced communication skills, the biology of disease and interdisciplinary care for the patient. The student will learn, and practice introductory skill sets and finish off with advanced critical care diagnostics from neonatal to older persons patient populations.

The **second** year of education will present the student with interdisciplinary courses in perfusion, physician assistant, and the Master of Respiratory Care Respiratory degree completion students. The courses will be in an online format, in clinical IV days will be like a practicing respiratory therapist. The student will learn principles of teaching and learning, advanced clinical practice, and diagnostics, principles of public health, population management, organization of the public health system, social entrepreneurship, interprofessional leadership, quality improvement and leveraging technology to influence leadership roles, how to interpret a research article and apply data to introduce change at a healthcare organization or place of practice, principles of critical inquiry to analyze and interpret research primarily evidence-based medicine, current issues, and trends to include ethics and preparation for the NBRC national exam.

Clinical will include over 1,000 hours of time.

FIRST YEAR

FALL		CREDIT HOURS
RESP 610	FOUNDATIONS OF RESPIRATORY CARE	3
RESP 611	CARDIOPULMONARY ANATOMY & PHYSIOLOGY FOR RESPIRATORY CARE	3
RESP 612	PATIENT ASSESSMENT AND INTERPROFESSIONAL EDUCATION (IPE) IN RESPIRATORY CARE	4
RESP 613	PROFESSIONALISM AND COMMUNICATION IN RESPIRATORY CARE	1
PAMM 690	BIOLOGY OF DISEASE	5
Credit Hours		16
SPRING		
RESP 620	CLINICAL PRACTICE I	5
RESP 621	INTRO TO NEONATAL & PEDIATRIC DISEASE IN RESPIRATORY CARE	3
RESP 622	INTRO TO ADULT CRITICAL CARE AND DIAGNOSTICS LAB IN RESPIRATORY CARE	4
RESP 623	PULMONARY DISEASE IN ADULTS	3
RESP 624	PHARMACOLOGY IN RESPIRATORY CARE	3
Credit Hours		18

SUMMER		
RESP 630	CLINICAL PRACTICE II	6
RESP 631	ADVANCED NEONATAL & PEDIATRIC PRACTICE IN RESPIRATORY CARE	3
RESP 632	ADVANCED CRITICAL CARE & DIAGNOSTIC PRACTICE IN RESPIRATORY CARE	4
RESP 633	INTERPROFESSIONAL EDUCATION AND THE HEALTHCARE TEAM IN RESPIRATORY CARE	4
Credit Hours		17
SECOND YEAR		
FALL		
RESP 640	CLINICAL PRACTICE III	6
RESP 641	PRINCIPLES OF TEACHING & LEARNING FOR RESPIRATORY CARE	2
RESP 642	ADVANCED CLINICAL PRACTICE & INNOVATION IN RESPIRATORY CARE	3
RESP 654	PRINCIPLES FOR PUBLIC HEALTH & POPULATION MANAGEMENT IN RESPIRATORY CARE	3
CAHP 723	PRINCIPLES OF CRITICAL INQUIRY	3
Credit Hours		17
SPRING		
RESP 650	CLINICAL PRACTICE IV	6
RESP 651	CAPSTONE PROJECT RESPIRATORY CARE	4
RESP 652	RESEARCH SYNTHESIS AND APPLICATION FOR RESPIRATORY CARE PRACTITIONERS	3
RESP 653	CURRENT ISSUES AND TRENDS IN RESPIRATORY CARE	1
Credit Hours		14
Total Credit Hours		82

First Year Clinical is three days a week with eight hours of clinical a day
Second Year Clinical is two days a week with 12 hours of clinical a day

Entry to Practice MRC Mini-Clinical Rotating Internships

Nebraska Medicine is a world-renowned medical center that affords exceptional clinical expertise, ground-breaking research, interventional diagnostic advancements, innovation, and doctors from around the world that make the internship rich with interprofessional sharing of knowledge, communication, and evidence-based practice for the entry-to-practice Master of Respiratory Therapy Student. The student may work with other allied healthcare professionals during Internships, which may take place outside of Nebraska Medicine with approval from the Program Director and Director of Clinical Education. Location sites will be available as the program further develops and gets closer to Spring of 2024.

Each internship will be four weeks in length with one internship per student.

Infections Disease + Pulmonary Research

Pulmonary Medicine + Interventional Pulmonary Diagnostics

Emergency Medicine & Management/Trauma + Bioterrorism/Decontamination

Sleep Medicine + ENT Group

Neonatal/Pediatric Pulmonary

Ethics/Palliative Care + Education

Innovation/Leadership/Interprofessional Education