

RESPIRATORY CARE A.A.S.

Respiratory Care is an allied health specialty. It is an important part of modern medicine and health care. Respiratory Care encompasses the care of patients with respiratory problems in the hospital, clinic, and home.

Respiratory therapists, as members of a team of health care professionals, work to evaluate, treat, and manage patients of all ages with respiratory illnesses and other cardiopulmonary disorders in a wide variety of clinical settings. Respiratory therapists must behave in a manner consistent with the standards and ethics of all health care professionals. In addition to performing respiratory care procedures, respiratory therapists are involved in clinical decision-making (such as patient evaluation, treatment selection, and assessment of treatment efficacy) and patient education. The scope of practice for respiratory therapist includes, but is not limited to:

- acquiring and evaluating clinical data;
- assessing the cardiopulmonary status of patients;
- performing and assisting in the performance of prescribed diagnostic studies, such as drawing blood samples, performing blood gas analysis, pulmonary function testing, and applying adequate recording electrodes using polysomnographic techniques;
- utilizing data to assess the appropriateness of prescribed respiratory care;
- establishing therapeutic goals for patients with cardiopulmonary disease;
- participating in the development and modification of respiratory care plans;
- case management of patients with cardiopulmonary and related diseases;
- initiating ordered respiratory care, evaluating and monitoring patients' responses to such care, modifying the prescribed respiratory therapy and cardiopulmonary procedures, and life support endeavors to achieve desired therapeutic objectives;
- initiating and conducting prescribed pulmonary rehabilitation;
- providing patient, family, and community education;
- promoting cardiopulmonary wellness, disease prevention, and disease management;
- participating in life support activities as required; and
- promoting evidence-based medicine, research, and clinical practice guidelines.

Starting salaries are excellent with premiums paid for evening, night, and weekend shifts. Jobs are plentiful throughout the United States. Graduates are eligible to take the credentialing examinations, administered by the National Board for Respiratory Care (NBRC), which include the Therapist Multiple Choice (TMC) examination and the Clinical Simulation Examination (CSE). Upon successfully achieving the designated Low Cut score, the candidate is awarded the Certified Respiratory Therapist credential. When the candidate successfully achieves the High Cut score, instead of the Low Cut score, on the TMC, they are eligible to take the CSE. Once the CSE is successfully passed, the candidate is awarded the Registered Respiratory Therapist (RRT) credential. Licensure requirements in the state of Montana are met by successful achievement of the Certified Respiratory Therapist (CRT) credential.

The goal of the program is, "To prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) domains of respiratory care practice as performed by registered respiratory therapists (RRTs)" CoARC standard 3.01.

The program is 4 semesters in length which includes the AA prerequisite courses and a summer session. The Respiratory Care Program at The University of Montana Missoula College, is accredited by the Commission on Accreditation for Respiratory Care (www.coarc.com) (<http://www.coarc.com/>), 264 Precision Boulevard, Telford, Tennessee 37690. Graduates receive the degree of Associate of Applied Science in Respiratory Care.

Students accepted to the program are required to rotate to clinical sites outside the Missoula area on a periodic basis. These rotations take place during the spring semester, summer session and autumn semester of the second year. These sites may include, but are not limited to: Kalispell, Ronan, Plains, Butte, Billings, Hamilton, Helena, and Coeur d Alene, Idaho. Transportation and housing are the student's responsibility.

GENERAL ASSOCIATE OF APPLIED SCIENCE REQUIREMENTS

Additional requirements for graduation can be found on the Degree/Certificate Requirements for Graduation page (<https://catalog.umd.edu/academics/graduation-requirements/>).

Unless otherwise noted in individual program requirements, a minimum grade point average of 2.00 in all work attempted at the University of Montana-Missoula is required for graduation. Please see the Academic Policies and Procedures page (<https://catalog.umd.edu/academics/policies-procedures/>) for information on how your GPA is calculated.

Courses taken to satisfy the requirements of a major, minor, or certificate program must be completed with a grade of C- or better unless a higher grade is noted in the program requirements.

ASSOCIATE OF APPLIED SCIENCE - RESPIRATORY CARE

- It is preferred that students have the Pre- Respiratory Care Prerequisite Courses completed by the end of the semester in which they intend to apply to the program (i.e. applying to the program in the spring and completing the core by the end of that spring semester.) However, those students who anticipate completing the core by the end of the summer semester are still encouraged to apply in the spring and may be granted provisional acceptance.
- A minimum GPA of 2.75 for prerequisite courses is required in order to apply to the program.
- The minimum required grade for all courses in the program is B-

Code	Title	Hours
Pre- Respiratory Care Prerequisite Courses		
BIOH 201N	Human Anatomy & Physiology I	4
BIOH 211N	Human Anatomy and Physiology II	4
COMX 115S	Introduction to Interpersonal Communications	3
M 115	Probability and Linear Mathematics	3
PSYX 100S	Intro to Psychology	3
PHSX 105N	Fundamentals of Physical Science	3

WRIT 121	Introduction to Technical Writing	3
Respiratory Care Courses		
Complete all of the following courses:		
AHRC 129	Patient Care & Assessment	4
AHRC 131	Respiratory Care Fundamentals I	5
AHRC 132	Respiratory Care Fundamentals II	3
AHRC 150	Respiratory Care Lab I	1
AHRC 231	Respiratory Critical Care	4
AHRC 232	Respiratory Pathology & Disease	3
AHRC 235	Cardiopulmonary Anatomy & Physiology	3
AHRC 243	Perinatal & Pediatric Respiratory Care	3
AHRC 250	Respiratory Care Lab II	2
AHRC 252	Respiratory Care Review	2
AHRC 255	Clinical Experience I	4
AHRC 260	Respiratory Care Lab III	1
AHRC 265	Clinical Experience II	5
AHRC 270	Respiratory Care Lab IV	1
AHRC 275	Clinical Experience III	6
Total Hours		70