LOMA LINDA UNIVERSITY

School of Allied Health Professions

Respiratory Care



Post-Professional Bachelor of Respiratory Care (online)

Advances in respiratory medicine, technology, and changes in healthcare have created a need for better educated respiratory care practitioners with diverse abilities. Job analysis research by the National Board for Respiratory Care reveals that employers now expect higher skill levels from respiratory education program graduates.

The post-professional Bachelor of Science in respiratory care seeks to graduate individuals with progressive knowledge and skills in the respiratory care profession including assessment, therapeutic interventions and management of patients with cardiopulmonary related disorders. This one-year full-time program combines classroom learning with added specialty clinical experiences to achieve this goal.

Our Bachelor of Science degree respiratory care faculty have advanced degrees in education and the sciences, and are the leaders in their areas of specialty. Most of our faculty has written chapters and/or authored textbooks in respiratory care.

Program Goals

The goals of the curriculum are to:

1. Provide the working Registered Respiratory Therapist who have graduated from a CoARC-accredited Associate of Science Degree Program the opportunity for career advancement in leadership, education, research, and critical care in the field of Respiratory Care.
2. Provide as pathway for the Respiratory Care Practitioner with an Associate of Science Degree into graduate programs by expanding their knowledge in cardiopulmonary health-care sciences, research, and general studies.

Program Learning Outcomes

In addition to the stated institutional learning outcomes, the graduate should be able to:

1. Demonstrate advanced knowledge in respiratory care.
2. Apply fundamental and progressive adult, pediatric, and neonatal respiratory care concepts and treatment plans in the areas of pathophysiology, diagnostics, and gas exchange therapy, and airway care, ventilator support both invasive and non-invasive application.
3. Apply critical-thinking skills to respiratory care practice.
4. Apply problem-solving skills in the areas of pulmonary physiology, related diagnostics, and comprehensive pulmonary rehabilitation programs.
5. Perform fundamental and progressive patient assessment and diagnostic skills for various cardiopulmonary diseases.
6. Develop fundamental skills to conduct and interpret research in the health-care arena.
7. Develop fundamental skills in leadership.
8. Develop fundamental skills in topic presentation to the health-care profession and patient-care community—using appropriate lecture and demonstration techniques

Cost of Attendance

Please review LLU's Find a Program website page for the most up-to-date information on the cost of attendance or scan the QR code below.

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Entry/Program Requirements

- Successful completion of a COARC approved or provisionally approved advanced practitioner respiratory therapy associate degree (or the equivalent) program.
- Human anatomy and physiology with laboratory; or general biology with laboratory; or general zoology with laboratory; complete sequences.
- Introductory chemistry with laboratory, or general chemistry with laboratory.
- Microbiology with laboratory.
- High school level physics, one quarter or semester of introductory level physics, or respiratory physics
- General psychology or sociology.
- A course on cultural diversity (cultural anthropology).
- 12 quarter units (8 semester units) in the social sciences (anthropology, sociology, geography, etc.)
- 20-quarter units (13 semester units) in cultural heritage (art, music, philosophy, literature, history, foreign language, etc.)
- Mathematics. 2-years of high-school mathematics selected from: algebra I (elementary algebra), algebra II (intermediate), or geometry with a grade of C (2.0) or better.
- Freshman English, complete sequence.
- Speech.
- Two physical education activities or courses.
- One course in personal health or nutrition.
- Statistics (suggested)
- Research Methods (suggested)

Loma Linda University will transfer up to a maximum of 50-quarter units to cover the respiratory care professional course-work, and up to a total of 105 quarter units (or 70 semester units) from accredited two-year colleges. The total core units of the program is 60-quarter units. If you add 105 units (maximum transferrable) to 60 units (core units), they will amount to only 165 quarter units. That means you are required to take 15 quarter units (or 10-semester units) of elective courses to meet LLU's minimum requirement of 180-quarter units to award a Bachelor's Degree. No coursework with a grade of C- or below will be accepted.

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