



## Master of Science in Respiratory Care (Online and On-Campus)

The Loma Linda University Master of Science in Respiratory Care prepares health professionals to be leaders with specific skills in educational, research, clinical, and leadership principles.

### Program Outcomes

1. Apply advanced respiratory care clinical skills to cardiopulmonary patients using current evidence-based medicine practices. (EBM, Practice)
2. Develop fundamental skills in leadership and management in healthcare.
3. Develop research interpretation skills in evidence-based medicine. (EBM and Research)
4. Develop presentation skills to promote advancements in the respiratory care profession with healthcare professionals. (Education and Leadership)
5. Participate in professional activities to promote professional growth, and advance the respiratory care profession through best practices.

### Program Description

The 4-quarter MSRC Program is a designed to allow customizable options for interactions with the program faculty both face-to-face and on-line offered through different specialty domains. The program will have core curriculum courses that set the foundation of a graduate degree (25 quarter units) that can be chosen by the student based on their area of interest with program director approval. Total program units at 45 units.

**1. Research and Statistics:** Student can choose between several courses in the area of research and statistics (advanced stats, grant writing, research methodology, etc.).

**2. Education:** Students who are interested to become educators within the field can select different courses that relates to higher education (curriculum development, clinical education and assessment, etc.).

**3. Sleep Disorders:** Students who are interested in sleep disorders can take advanced courses in sleep medicine that covers areas of neuroanatomy and physiology in sleep, sleep disorders etiology.

**4. Leadership, Management, Information Management, and Policy:** The purpose of this domain is to provide students with fundamental and advanced knowledge of leadership and management skills. Courses in this domain have emphasis on interprofessional education where student will interact with different professions within the healthcare system. Students in this domain will be able to explore different topics such as: leadership styles, methods and process for quality improvement within healthcare organizations, work-flow analysis, analysis of healthcare delivery in the United States, healthcare information systems (i.e. EHR, PHR), system theory, human behavior in a healthcare organization, strategic planning process, and marketing. This domain will help practitioners who are seeking to work in management positions within their organization.

\* As part of the elective domain, students can mix and match courses from all domains to meet the 20 quarter unit electives requirements.

Scan the QR code below to sign up for a 1-1 meeting with the program director.



## Admission Requirements

1. The applicant should have a minimum of a baccalaureate degree from an accredited or recognized institution of higher education by Loma Linda University.
2. In addition, the applicant is required to have earned the Registered Respiratory Therapist credential from the National Board for Respiratory Care, and licensed in their state of residence or eligible to practice by the government or equivalent.
3. Interview, references, essay.
4. Regardless of nationality or citizenship, an applicant whose native language is not English or whose secondary education has been given outside the U.S. is required to pass a test of English proficiency.

## Technical Requirements

Student must be able to have consistent access and knowledge of how to use the following:

1. Personal computer
2. Microsoft Office programs (Word, PowerPoint, Excel, etc)
3. Internet
4. Video conferencing (Skype, FaceTime, Zoom, etc.)

## Community Service Requirement

Sharing knowledge and volunteering at the community level allows the MSRC student to develop the skill of translating difficult concepts into useful information to the public. It also develops a greater appreciation for others that may offer different insights or experiences to learn from. In addition to community service that may be part of the Graduate Wholeness Portfolio (AHCJ 519) requirement, each student will be expected to complete 6 hours of a community project or community service per quarter for a total of 24 hours. The program director must approve all community service projects before commencement of the activity. Each activity should include a mechanism by which the MSRC student is utilizing his or her professional skill/experience to educate or provide a service to their community of choice. Community service activity will be integrated into service-based learning modules during course work as well.

## Capstone Requirement

Capstone project must be completed as a written document and presented orally as a seminar. It must be publishable quality and be pushed toward publication. Note that capstone courses may be completed prior to capstone project completion. However, capstone projects must be completed to graduate and publishable standards before graduation will be granted.

## How to apply

Applications are accepted around the year (Fall, Winter, Spring, and Summer)\*. Apply online at [www.llu.edu](http://www.llu.edu). Bulletins may be viewed on our web site.

## Contact Information Program Director

Abdullah Alismail, PhD, RCP, RRT-NPS, SDS, FCCP  
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\*When starting in a quarter other than Fall, curriculum will be adjusted in terms what courses to take. For more information, please discuss this with the program director.

Updated 07/28/2022



LOMA LINDA  
UNIVERSITY

## LLU at a Glance

>> Founded in 1905 >> A Seventh-day Adventist institution integrating health, science, and Christian faith >> Offers over 200 programs in the health sciences >> Houses eight schools: Allied Health Professions, Behavioral Health, Dentistry, Medicine, Nursing, Pharmacy, Public Health, and Religion >> About 4,000 students >> Over 1,300 faculty >> 2,000 professional researchers >> \$46 million dollars in private and public grants generated each year >> Many service-learning opportunities

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