



PROGRAM OFFERED

- ◆ B.S.

Most people take breathing for granted. But for thousands of people who suffer from breathing problems, each breath is a major accomplishment. Respiratory Care Practitioners treat all types of patients, ranging from premature infants whose lungs are not fully developed, to children having asthma attacks or adults with lung disease. They are a vital part of the medical team and provide temporary relief to patients with chronic lung diseases and also provide emergency care for patients who suffered heart failure or a stroke, or are victims of drowning or shock.

Respiratory Care Practitioners (RCP's) most commonly use oxygen and aerosol medications to help their patients. They also manage breathing machines, called ventilators, which deliver pressurized gases (air, oxygen, and nitric oxide) into the lungs of patients who cannot breathe for themselves. Respiratory Care Practitioners are involved in prevention, diagnosis, treatment, management and education related to problems effecting the heart and lungs. Advanced procedures include speciality clinical areas, hyper-baric medicine, and in assisting bronchoscopy. RCP's are a very important part of the patient care team.

JOB OPPORTUNITIES

Job opportunities are expected to remain very good, because of substantial growth of the middle-aged and older population, with an increased incidence of cardio-pulmonary diseases.

Although hospitals will continue to employ the vast majority of RCP's, a growing number of therapists can expect to work outside of hospitals under contract to home health agencies and extended care facilities.

EARNINGS

In California the annual base salary of full-time respiratory therapists is \$50,000 - \$80,000, with management positions earning as much as \$95,000 or more.

EMPLOYMENT

About 9 out of 10 jobs are held in hospital departments of respiratory care, anesthesiology, or pulmonary medicine. Home health agencies, respiratory therapy clinics, and extended care facilities count for most of the remaining jobs.

EDUCATION AND TRAINING

To receive a B.S. degree in Respiratory Care, you will need to finish four years of college after high school. The first two years are spent taking prerequisites at a junior college or four-year college. These prerequisites are classes that prepare you for the second part of study at Loma Linda University. The prerequisite courses that you need to take your first two years in college are listed on the back of this page. High school mathematics and natural sciences are recommended.

After completing your two years of required prerequisites, or if you already have an AS degree or the equivalent, you may continue studies toward the Bachelor of Science degree.

Upon completion of our program, graduates are eligible to take examinations for their license to practice and credentialing examinations (CRT, RRT, NPS, CPFT, RPFT, CCS) offered through the National Board for Respiratory Care.

This program is "Advanced" accredited by the Commission on Accreditation for Respiration Care (CoARC).

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Loma Linda University Requirements: To be eligible for admission the applicant must complete a minimum of 80 quarter-units at an accredited college or university, or hold an AS degree. The minimum subject requirements are:

HUMANITIES: (20 quarter/14 semester units)

Select courses from at least three areas listed below:

Art / Music (performing arts limited to 4 qtr-units)	
Literature	History
Philosophy	Foreign Language

RELIGION: (a maximum of 8 qtr-units may be applied); for students who attended or are enrolled in an Adventist college, 4 qtr-units per year are required.

NATURAL SCIENCES:

Human Anatomy & Physiology with lab or general biology with lab (complete sequence)

Microbiology with lab

Intro Chemistry w/ lab (to include inorganic, organic and biochemistry) or General Chemistry w/ lab (complete seq)

Intro Physics, one quarter or one year of H.S. level physics w/ lab or Respiratory Physics or the equivalent.

Math: 2 years H.S. level with C grade or better or college intermediate algebra.

SOCIAL SCIENCES: (12 quarter/8 semester units)

Intro or General psychology (required)

Cultural diversity or anthropology (one course required)

Select one additional class from the following:

Anthropology	Geography
Economics	Political Science
Sociology (recommended)	

COMMUNICATION:

Freshman Composition, complete sequence

Speech

Intro to Computers

HEALTH AND WELLNESS:

Physical Education Activity (two courses)

Health Education (personal health or nutrition) - one course

ELECTIVES (to meet minimum total of 80 qtr)

OBSERVATION EXPERIENCE RECOMMENDATION:

Four to eight hours observing a respiratory care practitioner participating in patient care in a hospital setting is recommended.

"C minus" grades are not transferable for credit

You can find the courses we recommend for your college by accessing the "Transfer Patterns" on our website at: <http://www.llu.edu/llu/sahp/transfer/index.html>

How to apply

Applications are accepted after January 1 of each year for Fall acceptance. Apply online at www.llu.edu. Letters of recommendation from three (3) professors you have taken course work, are preferred. Bulletins may be viewed free on our web site.

You may complete prerequisite course work at any accredited college before admission to a program in the School of Allied Health Professions. A high school diploma or the GED is required for acceptance, unless you possess an associate (2 years of college) or higher degree.

If English is not the native language, an undergraduate must submit a minimum score of 550 (paper based) or 213 (computer based) from the Test of English as a Foreign Language (TOEFL). Any student with a score on the TOEFL writing test (TWE) of less than 4, will be required to do remedial work during the program and retake the TOEFL test. A minimal internet based TOEFL score of 80/120 is required. For international English Language Testing System (IELTS), minimal score of 6 for each section, an overall hand score of 6.5.

For applicants in Southern California, an interview with a representative from the appropriate department is requested. Others will be notified if an interview is desired.

Financial Aid

Apply early for financial assistance - even before receiving your acceptance into the program. You should begin your financial aid process by January 1. The Free Application for Federal Student Aid (FAFSA) can be found online at www.fafsa.ed.gov. It's best to apply before March each year. You will need your previous year's tax information as part of the application.

Applications for Cal Grants (California residents only) must be postmarked no later than March 2.

LLU's Student Financial Aid office will help you obtain the necessary applications and guide you through the process of applying for aid. Contact them at: Office of Financial Aid, Loma Linda University, Loma Linda, CA 92350, (909) 558-4509.

Housing

On-campus housing is available for men and women. For information on the men's dormitory (Daniell's Residence), call (909) 558-4562. For information on the women's dormitory (Lindsay Hall), call (909) 558-4561.

Contact Information

Office (909) 558-4932
studycps@llu.edu

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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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