

# Pacific Union College

## Pre-Respiratory Care for Admission to Loma Linda University

### INFORMATION ABOUT THIS DEGREE

#### General Areas of Service:

Respiratory care (respiratory therapy) is an allied medical specialty concerned with the evaluation and treatment of patients who have cardiopulmonary problems. Therapists are in demand in hospitals and hospital-related organizations to provide direct patient care to those with acute and chronic problems.

#### Professional Training:

The B.S. degree consists of two years of preparatory courses (see prerequisites at right) and two years of professional courses at Loma Linda University (see LLU website below). The degree prepares individuals to sit for certification and licensure exams and then to practice as respiratory therapists. Advancement into education, supervision, and management positions is possible, usually following advanced certification.

#### Job Outlook:

Employment opportunities for respiratory care professionals are expected to grow faster than the average for all professions through 2014.

#### Earnings:

Annual salaries for respiratory therapists were in the approximate range of \$32,000 to \$50,000 in 2004.

#### Sources:

Respiratory Care, Dept. of Cardiopulmonary Sciences,  
School of Allied Health Professions, LLU  
<http://www.llu.edu/llu/sahp/cardio/respiratorybs.html>  
Occupational Outlook Handbook  
<http://www.bls.gov/oco/>

#### For more information:

American Association for Respiratory Care  
<http://www.aarc.org/>  
National Board for Respiratory Care  
<http://www.nbrc.org/>  
California Society for Respiratory Care  
<http://www.csrc.org/>

#### PUC contact:

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#### LLU contact:

Department of Cardiopulmonary Sciences  
[cps.sahp@llu.edu](mailto:cps.sahp@llu.edu), 909-558-4932

### COURSES REQUIRED FOR ADMISSION

#### Prerequisites (PUC) for LLU B.S. program (82 hrs. total)\*:

#### Natural Sciences and Mathematics

BIOL 101-102 (or BIOL 111-112-113)	Human Anatomy/Physiology <i>Biological Foundations</i> (BIOL 101-102 preferred)	5-5 5-5-5
CHEM 101-102-103 (or CHEM 111-112-113)	Intro Chem. sequence <i>GChem sequence</i>	4-4-4 5-5-5
MICR 134	General Microbiology	5
PHYS 105-106L (or PHYS 111 or H.S. Physics, min. C.)	Introduction to Physics/Lab <i>General Physics</i>	5-1 4
MATH 096 (or two years H.S. algebra, min. C.)	Intermediate Algebra	n/c

#### Communication

ENGL 101-102	College English	4-4
COMM 105 (or COMM 226)	Speech Communication <i>Public Speaking</i>	3 3
CPTR 105 (or H.S. introduction to computer class)	Introduction to Computers	3

#### Health and Wellness

HLED 162 (or HLED 166 or FDNT 235)	Fitness for Life <i>Health Education</i> <i>Food and Nutrition</i>	2 2 3
ESAC (any two courses)		2

#### Social Sciences (min. 12 qtr. hr.)

ANTH 124 (or SOCI 355)	Cultural Anthropology <i>Racial and Ethnic Relations</i>	4 3
PSYC 121	General Psychology	4
Select remaining hours from SOCI 121 (4), SOCI 124 (4), PLSC 124 (3), PSYC 234 (4), ECON 261(4), ECON 265 (4), ANTH 124 (4), GEOG 210 (3).		

#### Religion and Humanities (min. 20 qtr. hr.)

Religion 4 hrs/ yr in attendance at a Seventh-day Adventist College		4-8
Select remaining hours from at least 3 subject areas below (3 qtr. hrs. max from music/art).		
ART 105 (4), MUHL 105 (3), ENGL 330 (4), ENGL 331 (4), PHIL 101(4), HIST 101 (4), HIST 102 (4), HIST 134 (4), HIST 135 (4), Foreign Language		

#### Electives

Select additional courses to meet the minimum of 82 quarter hour college credit entry requirement.

\*NOTE: Courses grades may be no lower than C. Students are advised to **contact LLU early** in their program and clear PUC prerequisite class schedules directly with the Dept. of Cardiopulmonary Sciences.

**B. S. DEGREE IN RESPIRATORY THERAPY  
SAMPLE TWO-YEAR PROGRAM**

*The example schedule shown below is just one workable, illustrative example out of many possibilities. To build a schedule that meets your needs and interests, search the class schedule for workable options that fit within the framework of the prerequisites listed on the previous page. See your PUC advisor for help. In addition, it is strongly advised that you communicate directly with the LLU Dept. of Cardiopulmonary Sciences very early in your program (starting the fall of your freshman year) and continue that communication to clear your program with them throughout the prerequisite stage.*

	Autumn	Winter	Spring
Freshman	BIOL 101 (5) Human Anatomy ENGL 101 (4) College English ART 105 (4) History of Western Art RELB 130 (3) Life & Teachings of Jesus	BIOL 102 (5) Human Physiology ENGL 102 (4) College English MATH 096* (4) Intermediate Algebra Electives if desired	PHYS 105* (5) Intro to Physics PHYS 106L (1) Intro to Physics Lab COMM 105 (3) Speech Communication HIST 101 (4) History of World Civ RELB 270 (3) Acts of the Apostles
Sophomore	CHEM 101 (4) Introductory Chemistry MICR 134 (5) General Microbiology SPAN 111 (4) Beginning Spanish I HLED 162 (2) Fitness for Life Electives if desired	CHEM 102 (4) Intro to Organic Chem CPTR 105* (3) Intro to Computers PSYC 121 (4) General Psychology RELB 320 (2) Women of the Bible ESAC 174 (1) Elementary Badminton	CHEM 103 (4) Intro to Biochemistry ANTH 124 (4) Cultural Anthropology SOCI 121 (4) Intro to Sociology ESAC 101A (1) Jogging Electives if desired
LLU Pre-Respiratory Care Prerequisites met at this point			

\*These prerequisites can be satisfied with high school classes.  
Credit for MATH 096 is not transferable to LLU.