

Course Requirements

78 hours distributed as follows:

Domain 1: Religion & Humanities

Minimum, 20 quarter hours distributed as follows

► **Religion**

Take 4-8 hours of religion courses: 4-8
 (4 hours required per year of attendance at a SDA College)

► **Humanities**

Take the remaining 12-16 hours from at least three 12-16
 of the following areas:

- Art/Music; Performing Arts (max 4 hours)
- Literature, Philosophy
- History, Foreign Language

The following courses are recommended options:

- ARTH 115+116 History of Western Art I,II (4+4)
- MUHL 105 Survey of Music (3)
- ENGL 212+213 Shakespeare in Perf+Project (2+1)
- ENGL 301 Themes in Literature (4)
- PHIL 101 Introduction to Philosophy (4)
- HIST 101+102 History of World Civ I,II (4+4)
- HIST 134+135 History of the United States I,II (4+4)
- SPAN 105 Spanish for Healthcare I (3)
- Any foreign language

Domain 2: Scientific Inquiry & Analysis

► **Natural Sciences**

Take one of the following required sequences: 10-15
 BIOL 101+102 Human Anatomy+Physiology (5+5)*
 BIOL 111+112+113 Biological Foundations I,II,III (5+5+5)

Take one of the following required sequences: 12-15
 CHEM 101+102+103 Introductory Chemistry (4+4+4)
 CHEM 111+112+113 General Chemistry + Labs (5+5+5)

Take the following required course: 5
 MICR 134 General Microbiology

Take one of the following options: 0-6
 1 year of high school physics with a grade of C or better (0)
 PHYS 105+106L Introduction to Physics+Lab (6)

Noncredit algebra requirement- take one of the following: 0
 2 years of high school Algebra with a grade of C or better (0)
 MATH 096 Basic Algebra II (4)**

► **Social Sciences**

Take 12 hours from at least two areas:
 Take the following required course: 4
 PSYC 121 General Psychology

Take at least one course from the following: 3-4
 ANTH 124 Cultural Anthropology (4)
 SOCI 355 Cultural Diversity (3)

Take the remaining 4-5 hours from the following areas: 4-5
 Anthropology, Economics, Geography, Political Science,
 Psychology, Sociology

The following courses are recommended:

- ANTH 124 Cultural Anthropology (4)
- ECON 261 Macroeconomics (4)

- ECON 265 Microeconomics (4)
- GEOG 210 World Regional Geography (3)
- PLSC 124 Introduction to American Govt (4)
- SOCI 121 Introduction to Sociology (4)*
- SOCI 355 Cultural Diversity (3)*

Domain 3: Communication

Minimum, 9 quarter hours distributed as follows

Take the following required courses:
 ENGL 101+102 College English I,II 4+4

Take at least one of the following: 3-4

- COMM 105 Communication & Public Speaking (4)
 - COMM 326 Advanced Public Speaking (3)
 - Intro to Computers (not offered at PUC) may be required.
- This can be waived via a waiver test at Loma Linda University.

Domain 4: Health & Wellness

Take at least one course from the following: 2-3

- FDNT 235 Nutrition (3)
- HLED 162 Fitness for Life (2)
- HLED 166 Health Education (2)

Take at least two courses from the following: 2

- ESAC Exercise Science Activity Courses (1)

Domain 5: Electives

Take additional electives as needed to meet the minimum requirement of 82 transferable quarter hours.

PLEASE NOTE:

-C minus (C-) grades are not transferable for credit to Loma Linda University.

-Work experience: 4-8 observation hours are recommended.

Health Sciences, A.S. and B.S.

Pacific Union College offers an A.S. and B.S. degree with a major in Health Sciences. These majors can be taken in conjunction with the pre-respiratory care requirements. For more information, see page NHSC-06 or NHSC-07, or contact the Health Sciences advisor in the Nursing and Health Sciences Department.

Occupational Information

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.

* Preferred option.

** This course is remedial and will not count for credit.

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 2016.

Earnings

Annual salaries for respiratory therapists were in the approximate range of \$34,000 to \$64,000 in 2006. Most salaries were in the \$40,000 to \$56,000 range.

For More Information

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To apply online, go to: <http://www.llu.edu/apply/>
Note: Admission requirements are subject to change each year.

Sample Two-Year Program

This sample curriculum is designed to show you how a program may be constructed and to help you select a proper sequence of courses in the major. It is not likely that these courses can always be taken in the order given. Your advisor will help you design a personalized program of studies.*

First Year*	F	W	S
Intro to Allied Health	2	-	-
Chemistry Sequence**	4	4	4
College English I,II	4	-	4
Comm & Pub Spk or Adv Pub Spk	-	3-4	-
Religion Course	3	-	-
Exercise Science Activity Courses	1	1	-
Introduction to Physics+Lab	-	-	6
General Psychology	-	4	-
Health & Wellness Course**	-	-	2-3
Electives	2	3	-
	16	≤16	≤17

Second Year	F	W	S
Issues in Allied Health	-	-	2
Human Anatomy	5	-	-
Human Physiology	-	5	-
Microbiology	-	-	5
Religion Courses	3	3	-
Cultural Anthropology	-	4	-
Social Sciences Elective**	-	-	4
Humanities Course**	7	4	4
	15	16	15

Third and Fourth Years are taken at Loma Linda University.

* Note that MATH 096 must be taken if H.S. requirements have not been met. MATH 096 will not transfer to LLU. MATH 095 is a prerequisite for MATH 096.

** See "Courses Requirements" for requirements and options when selecting courses in the various areas.