

Course Requirements

82 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 of the following areas: 12-16

- Art; Music (max 4 hours of applied art and music)
- Literature; Philosophy
- History; Foreign Language.

The following courses are recommended:

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|--------------|--------------------------------------|
| ARTH 115 | History of Western Art I (4) |
| ARTH 116 | History of Western Art II (4) |
| MUHL 105 | Survey of Music (3) |
| ENGL 212 | Shakespeare in Performance (2-3) |
| ENGL 301 | Great Books (4) |
| PHIL 101 | Introduction to Philosophy (4) |
| HIST 101+102 | History of World Civilizations (4+4) |
| HIST 134+135 | History of the United States (4+4) |
- Any foreign language

Domain 2: Scientific Inquiry & Analysis

➤ **Natural Sciences**

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

Note: BIOL 101+102 is preferred

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

This course is remedial and will not count for credit.

➤ **Social Sciences**

Take 12 hours from at least 2 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 "Racial" and Ethnic Relations (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 (3) |
| SOCI 121 | Introduction to Sociology (4) |
| SOCI 214 | The Family (4) |
| SOCI 355 | "Racial" and Ethnic Relations (3) |

Domain 3: Communication

Minimum, 9 quarter hours distributed as follows

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

Take at least one course from the following: 3
 COMM 105 Intro to Communication (3)
 COMM 226 Public Speaking (3)

Take one of the following options: 0-3
 1 year of high school computer with a grade of C or better (0)
 CPTR 105 Introduction to Computers (3)

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: 1+1
 ESAC (Exercise Science Activity) courses

Domain 5: Electives

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

PLEASE NOTE that C minus (C-) grades are not transferable for credit to Loma Linda University

Health Sciences, A.S.

Pacific Union College offers an A.S. degree with a major in Health Sciences. This major can be taken in conjunction with the pre-respiratory care requirements. For more information, see guidesheet NHSC-02 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.

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

Nursing and Health Sciences Department
 Pre-Allied Health Advisor
 Pacific Union College
 One Angwin Avenue, Angwin, CA 94508
 Phone: (707) 965-7262
 Website: www.puc.edu/nursing

Department of Cardiopulmonary Sciences
 School of Allied Health Professions
 Loma Linda University, Loma Linda, CA 92350
 Phone: 909-558-4932
 Email: cps.sahp@llu.edu

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
Introductory Chemistry sequence	4	4	4
College English	4	-	4
Intro to Communication	-	3	-
Religion	3	-	-
Exercise Science	1	1	-
Introduction to Physics	-	-	6
General Psychology	-	4	-
Health**	-	-	2
Electives	4	4	2
	16	16	16

Second Year	F	W	S
Human Anatomy	5	-	-
Human Physiology	-	5	-
Microbiology	-	-	5
Religion	3	3	-
Health	2	-	-
Introduction to Computers	-	-	3
Cultural Anthropology	-	4	-
Social Sciences Elective**	-	-	4
Humanities**	4	4	4
Electives	2	-	-
	16	16	16

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.