

Course Requirements

96 hours distributed as follows:

Domain 1: Religion & Humanities

Minimum, 20 quarter hours distributed as follows

➤ **Religion**

Take 4 hours of religion courses for each year of attendance at an SDA College: 4-8

➤ **Humanities**

*See below

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

Select from at least 3 subject areas:

History (one course required)

Philosophy (one course required)

Select additional units to reach the additional 4-8 units from:

Art/Music, Literature, 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 Span for Hlth Care Prof (4)
- Any foreign language

Additional electives in the Humanities are recommended.

Domain 2: Scientific Inquiry & Analysis

➤ **Natural Sciences**

Take the following required courses:

- BIOL 101 Human Anatomy* 5
- BIOL 102 Human Physiology* 5
- STAT 222 Introduction to Statistics* 4

Take one of the following courses:* 4-5

- CHEM 101 Introductory Chemistry (4)
- CHEM 111+L General Chemistry I+Lab (4+1)

Take one of the following courses:* 4-6

- PHYS 105+106L Introduction to Physics+Lab (5+1)
- PHYS 111 General Physics I (4)

➤ **Social Sciences**

Take 12 hours from at least two areas:

Take the following required course:

- PSYC 121 General Psychology 4

Take one course from the following: 4

- PSYC 234 Human Development (4)
- PSYC 358 Abnormal Psychology (4)

Take the remaining 4 hours from the following areas: 4

Anthropology, Political Science, Sociology

The following courses are recommended options:

- ANTH 124 Cultural Anthropology (4)
- PLSC 124 Introduction to American Govt (4)
- SOCI 121 Introduction to Sociology (4)

- SOCI 214 The Family (4)
- SOCI 355 "Racial" and Ethnic Relations (3)

Additional electives in the Social Sciences are recommended.

Domain 3: Communication

Take the following required courses:

- ENGL 101+102 College English I,II 4+4

Take one of the following courses: 3-4

- COMM 105 Communication & Public Speaking (4)
- COMM 326 Advanced Public Speaking (3)

Domain 4: Health & Wellness

Take at least two courses from the following: 2

- ESAC Exercise Science Activity Courses (1)

Additional electives in Health & Wellness are recommended.

Domain 5: Electives

Take additional electives as needed to meet the minimum requirement of 96 transferable quarter hours. LLU recommends additional electives in the areas of the Humanities, Social Sciences, and Health & Wellness.

Work Experience

Students are required to complete a minimum of 80 hours work experience/observation hours under the supervision of a CPO practitioner.

PLEASE NOTE: 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-orthotics & prosthetics requirements. For more information, see page NHSC-03 or contact the Health Sciences advisor in the Nursing and Health Sciences Department.

Occupational Information

General Areas of Service

Orthotists and prosthetists, also called O & P professionals, design medical support devices and measure and fit patients for them. These devices include artificial limbs (arms, hands, legs, and feet), braces, and other medical or surgical devices.

Professional Training

Students should obtain a professional master’s degree in Orthotics and Prosthetics. Following graduation, it is the student’s responsibility to complete 12 calendar months each in the areas of orthotics and prosthetics in order to qualify for taking the ABC national certification exams.

Job Outlook

Employment for orthotists and prosthetists is expected to grow by 12 percent from 2010 to 2020, about as fast as the average for all occupations. The aging baby-boom population will create a need for prosthetists because the two leading causes of limb loss, diabetes and cardiovascular disease, occur more frequently as people age. The demand for orthotic devices, such as braces and orthopedic footwear, will likely increase because older people tend to need these support devices.

For More Information

Vicki Saunders, Pre-Allied Health Advisor
 Nursing and Health Sciences Department
 Pacific Union College
 One Angwin Avenue, Angwin, CA 94508
 Phone: (707) 965-7632
 E-mail: vasaunders@puc.edu

Orthotics & Prosthetics Program
 School of Allied Health Professions
 Loma Linda University, Loma Linda, CA 92350
 (800) 422-4632, ext. 4
 www.llu.edu/llu/sahp/pt/

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
Anatomy+Physiology	5	5	-
Intro to Physics+Lab or General Physics I	-	-	4-6
Intro to Allied Health	2	-	-
College English I,II	4	4	-
General Psychology	-	-	4
Comm & Pub Spk or Adv Pub Spk	-	-	3-4
Religion Courses	3	-	3
Humanities Course*	-	4	-
Exercise Science Activity Course	1	-	-
Electives*	1	3	-
	16	16	≤17

Second Year	F	W	S
Intro to Chem or General Chem I	4	-	-
Introduction to Statistics	-	4	-
Human Development or Abnormal Psych	4	-	-
Issues in Allied Health	-	2	-
Religion Course	-	3	-
Social Sciences Elective*	-	-	4
Humanities Courses*	4	-	4
Exercise Science Activity Course	1	-	-
Electives*	3	7	8
	16	16	16

Third, Fourth and Fifth Years are taken at Loma Linda University.

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