

Course Requirements

96 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:

ARTH 115+116 History of Western Art I,II (4+4)
 MUHL 105 Survey of Music (3)
 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)
 Any foreign language

Domain 2: Scientific Inquiry & Analysis

➤ **Natural Sciences**

Take at least one of the following sequences: 10-15

BIOL 101+102 Human Anatomy & Physiology (5+5)
 BIOL 111+2+3 Biological Foundations (5+5+5)

Take at least one of the following sequences: 12-15

CHEM 101+2+3 Introductory Chemistry (4+4+4)
 CHEM 111+2+3 General Chemistry (5+5+5)

Take at least one of the following sequences: 6-12

PHYS 105+106L Introduction to Physics (5+1)
 PHYS 111+2+3 General Physics (4+4+4)

Take the following required course:

STAT 222 Introduction to Statistics 4

➤ **Social Sciences**

Take 12 hours from at least 2 areas:

Take the following required course:

PSYC 121 General Psychology 4

Take at least 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:

ANTH 124 Cultural Anthropology (4)
 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

Take the following required courses:

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

Take at least one of the following courses: 1-3

COMM 105 Introduction to Communication (3)
 INFS 147 PC World Processing (1)
 INFS 148 PC Spreadsheets (1)

Domain 4: Health & Wellness

Take at least two courses from the following:

ESAC (Exercise Science Activity) courses 1+1

Domain 5: Electives

Take additional electives as needed to meet the minimum requirement of 96 transferable quarter hours.

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 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-orthotics & prosthetics requirements. For more information, see guidesheet 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
 Website: www.puc.edu/nursing
 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	-
Introduction to Physics + Lab	-	-	6
Intro to Allied Health	2	-	-
College English I, II	4	4	-
General Psychology	-	-	4
Introduction to Communication	-	-	3
Religion	3	-	3
Humanities*	-	4	-
Exercise Science	1	-	-
Electives*	1	3	-
	16	16	16

Second Year	F	W	S
General Chemistry Sequence	4	4	4
Introduction to Statistics	-	4	-
Human Development	4	-	-
Issues in Allied Health	-	2	-
Religion	-	3	-
Social Sciences Elective*	-	-	4
Humanities*	4	-	4
Exercise Science	1	-	-
Electives*	3	3	4
	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.