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:
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.*

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<tr>
<td>Anatomy &amp; Physiology</td>
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<td>Introduction to Physics + Lab</td>
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<td>Intro to Allied Health</td>
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<td>College English I, II</td>
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<td>Humanities*</td>
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<tr>
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<td>Electives*</td>
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<td>Human Development</td>
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<th>Third, Fourth and Fifth Years</th>
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* See “Courses Requirements” for requirements and options when selecting courses in the various areas.