

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	Spanish for Healthcare I (3)

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
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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	Cultural Diversity (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
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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)
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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. or 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-orthotics & prosthetics requirements. For more information, see page KNSL-03 or KNSL-04, or contact the Health Sciences advisor in the Kinesiology and Health Sciences Department.

* While a bachelor's degree is not required for program entry, individuals who have received a bachelor's degree from a regionally accredited college or university need to complete these prerequisite requirements only.

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

Kinesiology and Health Sciences Department
 Pacific Union College
 One Angwin Avenue, Angwin, CA 94508
 Phone: (707) 965-6313

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.