

**Course Requirements**

51 quarter hours distributed as follows:

**Religion**

➤ *Religion*

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

**Scientific Inquiry & Analysis**

➤ *Natural Sciences*

Take the following required courses: 16

BIOL 101	Human Anatomy	5
BIOL 102	Human Physiology	5
BIOL 223	Medical Terminology	2
CHEM 101	Introductory Chemistry	4
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)*

➤ *Social Sciences*

Take one course from the following: 3-4

ANTH 124	Cultural Anthropology (4)
PSYC 121	General Psychology (4)
SOCI 121	Introduction to Sociology (4)

**Communication**

Take the following required courses: 8

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

Take additional electives as needed to meet the minimum requirement of 51 transferable quarter hours.

**Work Experience**

Students are required to complete a minimum of 8 hours of career observation in a CEP department, including observations of at least 2 exams.

*PLEASE NOTE: C minus (C-) grades are not transferable for credit to Loma Linda University. A minimum GPA of 2.4 is required for admission.*

**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-clinical laboratory science requirements. For more information, see page KNSL-03 or KKNL-04, or contact the Health Sciences advisor in the Kinesiology and Health Sciences Department.

**Occupational Information**

**General Areas of Service**

Electrophysiology is a subspecialty of cardiology that focuses on treating heart rhythm abnormalities. The Cardiac Electrophysiology Technologist will assist the Cardiologist during invasive procedures, including implantable cardioverter defibrillator (ICD) and cardiac resynchronization therapy device implantations.

**Professional Training**

The A.S. degree prepares the graduate for RCES & IBHRE Certifications.

**Denominational Service**

Adventist hospitals and the worldwide mission work need cardiac electrophysiology technologists.

**Job Outlook**

Good. Hospitals need electrophysiology professionals to meet emerging challenges of the healthcare science and therapy of electrophysiology. Both in California and nationally, the job outlook now appears bright.

\* This course is remedial and will not count for credit.

**For More Information**

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

Department of Cardiopulmonary Sciences  
School of Allied Health Professions  
Loma Linda University Loma Linda, CA 92350  
(909) 824-4966 or (800) 422-4558

To apply online, go to: [www.llu.edu/apply/](http://www.llu.edu/apply/)  
*Note: Admission requirements are subject to change each year.*

**Sample One 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.

<b>First Year</b>	<b>F</b>	<b>W</b>	<b>S</b>
Introductory Chemistry	4	-	-
Human Anatomy	-	5	-
Human Physiology	-	-	5
Medical Terminology	-	-	2
Intro to Physics + Lab	-	-	6
Social Science Course	4	-	-
College English I,II	4	4	-
Religion Courses	-	3	3
Electives	5	5	1
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	17	17	17

**Second Year** is taken at Loma Linda University.

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*This sample program assumes you have completed algebra, physics, and computer coursework in high school. If you have not completed this coursework, it will need to be added to the college curriculum.*