

**Course Requirements**

**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**

Take the remaining 12-16 hours from at least three of the following areas: 20-24

- Art/Music; Performing Arts (max 4 hours)
- Literature, Philosophy
- History, 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

**Domain 2: Scientific Inquiry & Analysis**

➤ **Natural Sciences**

Take 12 hours minimum from at least two areas:

Take the following courses:

- BIOL 101 Human Anatomy 5
- BIOL 102 Human Physiology 5

Take at least one of the following courses: 4-6

- MATH 106 College Algebra (4)
- PHYS 105 Introductory Physics (5)

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 12 hours from at least two areas:

Anthropology, Political Sciences, Psychology, and Sociology

*The following courses are recommended options:*

- ANTH 124 Cultural Anthropology (4)
- PLSC 124 Introduction to American Govt (4)
- PSYC 121 General Psychology (4)
- PSYC 234 Human Development (4)
- SOCI 121 Introduction to Sociology (4)
- SOCI 355 Cultural Diversity (3)

**Domain 3: Communication**

*Minimum, 9 quarter hours*

Take the following required courses:

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

Take at least one of the following courses: 3-4

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

**Domain 4: Health & Wellness**

*Minimum, 3 quarter hours*

Take at least one course from the following: 2-3

- FDNT 235 Nutrition (3)
- HLED 162 Fitness for Life (2)
- HLED 166 Health Education (2)

Take at least two courses from the following: 2

- ESAC Exercise Science Activity Courses (1)

**Domain 5: Electives**

At the completion of the BS program, students must have a total of 180 quarter units, including the Core BSRS courses, area of emphasis, and elective units. It is recommended that students complete two full years of coursework prior to transfer.

Observation Experience: 12 hours in medical imaging department is required. (Either volunteer or employee)

*PLEASE NOTE: C minus (C-) grades are not transferable for credit to Loma Linda University*

**Health Sciences, A.S. and 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-radiation sciences requirements. For more information, see page KNLSL-03 or KNLSL-04, or contact the Health Sciences advisor in the Kinesiology and Health Sciences Department.

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

**Occupational Information**

**General Areas of Service**

The medical radiographer, or radiologic technologist, is responsible for the accurate demonstration of body structures, on a radiograph or other image receptor. The technologist determines proper exposure factors, manipulates medical imaging equipment, evaluates the radiographic image for quality, and provides for patient protection and comfort. The medical radiographer frequently assists the physician team member in specialized procedures. These often require the administration of chemical mixtures to the patient for enhanced viewing of the function of body systems.

**Professional Training**

The B.S. degree program in radiation science is a post-professional degree available for students wishing to continue studies beyond the A.S. degree in medical radiography.

The A.S. program in medical radiography prepares the student to take the certification examinations necessary to become a radiologic technologist, and the B.S. degree program in radiation science emphasizes more advanced areas of radiologic technology. If a student intends to proceed to a B.S. degree, it is recommended that two years be spent at PUC to complete all the general education requirements for this degree before going to LLU for professional training to complete the A.S. and B.S. degrees.

**Job Outlook**

Favorable opportunities for both full and part-time work are anticipated through the 2000's.

**Earnings**

The starting average wage scale is approximately \$40,000 - \$60,000.

**For More Information**

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

Department of Radiation Technology  
 School of Allied Health Professions  
 Loma Linda University, Loma Linda, CA 92350  
 (909) 824-4931 or (800) 422-4558  
 radsci@llu.edu

The applicant is advised to contact the chair of the LLU Department of Radiation Technology by the fall quarter of the sophomore year.

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

**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.\*

<b>First Year*</b>	<b>F</b>	<b>W</b>	<b>S</b>
Intro to Allied Health	2	-	-
Introduction to Chemistry	4	-	-
College English I,II	4	-	4
Comm & Pub Spk or Adv Pub Spk	-	3-4	-
Religion Course	3	-	-
Exercise Science Activity Courses	1	1	-
Social Science Course**	-	4	-
Humanities Course**	-	-	4
Health & Wellness Course**	-	-	2-3
Electives	2	8	5
	<b>16</b>	<b>≤17</b>	<b>≤16</b>

<b>Second Year</b>	<b>F</b>	<b>W</b>	<b>S</b>
Issues in Allied Health	-	-	2
Human Anatomy	5	-	-
Human Physiology	-	5	-
Religion Courses	3	3	-
Cultural Anthropology	-	4	-
Social Sciences Course**	-	-	4
Humanities Courses**	4	-	4
Electives	4	4	6
	<b>16</b>	<b>16</b>	<b>16</b>

**Third and Fourth Years** are taken at Loma Linda University.

\* Note that MATH 096 must be taken if H.S. requirements have not been met. MATH 096 will not transfer to LLU. MATH 095 is a prerequisite for MATH 096.

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