

## Course Requirements

42 hours distributed as follows:

### Domain 1: Religion & Humanities

#### > Religion

Take 4 hours of religion courses: 4  
(4 hours required per year of attendance at a SDA College)

#### > Humanities

No coursework required.

### Domain 2: Scientific Inquiry & Analysis

#### > Natural Sciences

Take the following required courses:

BIOL 101	Human Anatomy	5
BIOL 102	Human Physiology	5
BIOL 223	Medical Terminology	2

Take at least one of the following options: 0-6

One year of high school physics or chemistry (0)	
CHEM 101/101L	Introductory Chemistry/Lab (4)
PHYS 105/106L	Intro 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)

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

#### > Social Sciences

Take at least one of the following options: 4

PSYC 121	General Psychology (4)
SOCI 121	Introduction to Sociology (4)

### Domain 3: Communication

Take the following required courses:

COMM 105	Introduction to Communication	3
ENGL 101+102	College English I, II	4+4

Take at least one of the following:

One year of HS computer coursework, grade of C or better	
INFS 147	PC World Processing (1)
INFS 148	PC Spreadsheets (1)

### Domain 4: Health & Wellness

No coursework required.

### Domain 5: Electives

Take additional electives as needed to meet the minimum requirement of 42 transferable quarter hours.

Recommended: Spanish, Cultural Anthropology, Nutrition, and Physical Education.

### Observation Experience:

Twelve hours in a radiology department of a hospital or clinic is required (as a volunteer or employee).

*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-medical radiography 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**

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 A.S. program in medical radiography prepares the student to take the certification examinations necessary to become a radiologic technologist. Advanced training is needed if one wants to prepare for administration, clinical practice, education, or health physics. In addition to the A.S. program, a B.S. program is offered at Loma Linda University.

For graduates of the A.S. degree program, four certificate programs are available: Medical Sonography, Nuclear Medicine, Special Imaging, and Radiation Therapy.

**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**

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 Pacific Union College  
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 E-mail: [vasaunders@puc.edu](mailto:vasaunders@puc.edu)

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](mailto:radsci@llu.edu)

The applicant is advised to contact the chair of the LLU Department of Radiation Technology early in the fall quarter of the freshman year.

The Medical Radiography program begins in September.

To apply online go to: <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>
Human Anatomy	5	-	-
Introduction to Communication	3	-	-
Photography*	3	-	-
Religion	3	3	-
Human Physiology	-	5	-
General Psychology	-	4	-
College English I, II	-	4	4
Medical Terminology	-	-	2
Intro to Physics and Lab	-	-	6
Basic Algebra II**	-	-	(4)
Electives	2	-	4
	<b>16</b>	<b>16</b>	<b>16</b>

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

\* *Photography course is not required, but is recommended.*

\*\* *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.*