

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 Intermediate Algebra (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:

ENGL 101-102	College English	4 + 4
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Take at least one course from the following: 3

- COMM 105 Intro to Communication (3)
- COMM 226 Public Speaking (3)

Take one of the following options: 0-3

- 1 year of high school computer with a grade of C or better (0)
- CPTR 105 Introduction to Computers (3)

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: Photography

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

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.

Certificate Programs

For graduates of the A.S. degree program, four certificate programs are available:

- Medical Sonography
- Nuclear Medicine
- Special Imaging
- 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

American Society of Radiologic Technologists
 15000 Central Avenue, SE Albuquerque, NM 87123
 Phone (505) 298-4500

The American Registry of Radiologic Technologists
 1255 Northland Drive, Mendota Heights, MN 55120
 Phone (612) 687-004

Jennifer Wareham Best (Advisor)
 Teaching and Learning Center
 Pacific Union College
 One Angwin Avenue
 Angwin, CA 94508
 Phone: (707) 965-7688
 E-mail: jwareham@puc.edu
 Website: www.puc.edu/tlc

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 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.

First Year	F	W	S
Medical Terminology	2	-	-
Human Anatomy	5	-	-
Intro to Communication	3	-	-
Photography*	3	-	-
Religion	3	3	-
Human Physiology	-	5	-
General Psychology	-	4	-
College English	-	4	4
Intro to Physics and Lab	-	-	6
Principles of Computing	-	-	3
Intermediate Algebra**	-	-	(4)
Electives	-	-	3
	16	16	16

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 019 is a prerequisite for MATH 096.*