

**Course Requirements**

42 hours distributed as follows:

**Communication**

COMM 105	Speech Communication	3
CPTR 105	Principles of Computing	3
ENGL 101-2	College English	4-4

**Natural Sciences and Mathematics**

BIOL 101	Human Anatomy	5
BIOL 102	Human Physiology	5
BIOL 223	Medical Terminology	1
MATH 096	Intermediate Algebra (if needed)	(4)
(or high school equivalent. MATH 096 will not count toward the 43 hours needed for admission.)		
PHYS 105	Intro to Physics(or high school)	5
PHYS 106L	Intro to Physics Lab	1

**Social Science**

PSYC 121	General Psychology	4
(or SOCI 121 Intro to Sociology)		

**Religion**

**4**  
Electives to meet minimum of 41 quarter units entry requirement.

**Recommended Course**

ARTP 241	Photography I	3
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**Observation Experience:**

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

**Certificate Programs**

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

- Medical Sonography
- Nuclear Medicine
- Special Imaging
- Radiation Therapy.

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

*Courses with a grade of C- or lower will not transfer to Loma Linda University.*

*The Medical Radiography program begins in September.*

*Visit PUC's website: [www.puc.edu](http://www.puc.edu)*

**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. A B.S. program is offered at Loma Linda University in addition to the A.S. program. If the student is intending to proceed to a B.S. degree, he may spend a second year at PUC completing all the general education requirements for this degree before going to LLU for professional training to complete the A.S. and/or 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 \$23,000 - \$30,000.

**For More Information**

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

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

**B.S. Degree in Radiation Technology**

A B.S. degree program in Radiation Technology is available for students wishing to continue studies beyond the associate degree. This program emphasizes more advanced areas of radiologic technology. Emphases available are administration, clinical practice, education, and science.

The following additional general education requirements apply to the B.S. degree:

**Spiritual and Cultural Heritage** (Minimum, 28 qtr hrs)

**Religion** (Minimum, 8 quarter hours or 4 hours per year of attendance at a Seventh-day Adventist college)

**Cultural Heritage** (Minimum, 20 quarter hours or 24 hours if the number of hours in religion is only 4)

Select the remaining 12-20 hours from the following:

Art, music, (a maximum of 2 hours of applied art and music may apply) literature, philosophy, civilization/history, and foreign language.

The following courses are recommended:

- ARTH 115 History of Western Art (4)
- ARTH 116 History of Western Art (4)
- ENGL 301 Great Books (4)
- HIST 101-102 History of World Civilizations (4-4)
- HIST 134-135 History of the United States (4-4)
- MUHL 105 Survey of Music (3)
- PHIL 101 Introduction to Philosophy (4)
- Any foreign language

*Natural Sciences and Mathematics*

- BIOL 101 Human Anatomy (5)
- BIOL 102 Human Physiology (5)
- BIOL 223 Medical Terminology (1)
- MATH 096 Intermediate Algebra (if needed) (4)  
(or high school equivalent. Math 096 will not count toward the 43 hours needed for admission.)
- PHYS105-6L Intro to Physics and Lab (6)  
Or CHEM 101 Introductory Chemistry (4)  
Or high school equivalent of both

*Social Sciences (Minimum, 12 quarter hours)*

Required:

- ANTH 124 Cultural Anthropology (4)  
(or SOCI 35 "Racial" and Ethnic Relations)
- PSYC 121 General Psychology (4)

Select 4 additional hours from the following areas:

Economics, geography, political science, psychology, and sociology.

The following courses are recommended:

- ECON 261, 265 Prin. of Economics (4, 4)
- GEOG 210 World Regional Geography (3)
- PLSC 124 Intro to American Government (3)
- PSYC 121 General Psychology (4)
- PSYC 225 Personal Behavior Modification (2)
- PSYC 234 Human Development (4)
- SOCI 121 Introduction to Sociology (4)
- SOCI 214 The Family (4)

*Communication Skills (Same as for A.S. Degree)*

*Health and Wellness*

Select at least one course from the following:

- FDNT 235 Nutrition (3)
- HLED 162 Fitness for Life (2)
- HLED 166 Health Education (2)
- HLED 169 Current Health Concerns (2)

A minimum of two exercise science activity courses

**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>A</b>	<b>W</b>	<b>S</b>
College English	-	4	4
Anatomy and Physiology	5	5	-
Intro to Physics	-	-	5
Intro to Physics Lab	-	-	1
Speech Communication	3	-	-
Intermediate Algebra*	(4)	-	-
Gen. Psychology or Intro to Sociology	4	-	-
Principles of Computing	-	-	3
Photography-Black & White**	-	3	-
Religion	-	2	2
Exercise Science	1	-	-
Elective	1	-	-
Medical Terminology	1	-	-
	<b>14</b>	<b>14</b>	<b>15</b>

**Second Year and a Half**  
(at Loma Linda University)

Note: \*See mathematics requirement. MATH 096 does not count toward the 43 hours.

\*\*Photography course is recommended.