

## Course Requirements

42 hours distributed as follows:

### Religion

➤ *Religion*

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

### 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  |
| MATH 106      | College Algebra      | 4  |
| PHYS 105+106L | Intro to Physics+Lab | 6* |

➤ *Social Sciences*

Take at least one of the following options: 4  
PSYC 121 General Psychology (4)  
SOC 121 Introduction to Sociology (4)

### Communication

Take the following required courses:

|              |                                   |     |
|--------------|-----------------------------------|-----|
| ENGL 101+102 | College English I,II              | 4+4 |
| COMM 105     | Communication and Public Speaking | 4   |
| or           |                                   |     |
| COMM 326     | Advanced Public Speaking          | 4   |

### Electives

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

*Recommended Areas:* Spanish, Cultural Anthropology, Nutrition, Photography, and Physical Education.

### Observation Experience:

Twelve hours in a radiology department of a hospital or clinic is required (as either a volunteer or an 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-medical radiography requirements. For more information, see page KNSL-03 or KNSL-04, or contact the Health Sciences advisor in the Kinesiology and Health Sciences Department.

\* The lab portion is recommended by PUC, but not required by LLU.

**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**

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 early in the fall quarter of the freshman year.

The Medical Radiography program begins in September.

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>  |
|-------------------------------------|-----------|-----------|-----------|
| Human Anatomy                       | 5         | -         | -         |
| Communication & Public Speaking     | 4         | -         | -         |
| Religion Courses                    | 3         | 3         | -         |
| Human Physiology                    | -         | 5         | -         |
| General Psych or Intro to Sociology | -         | 4         | -         |
| College English I,II                | -         | 4         | 4         |
| Medical Terminology                 | -         | -         | 2         |
| Intro to Physics+Lab*               | -         | -         | 6         |
| College Algebra                     | -         | -         | 4         |
| Electives                           | 5         | -         | -         |
|                                     | <b>17</b> | <b>16</b> | <b>16</b> |

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

\* *The lab portion is recommended by PUC, but not required by LLU.*  
 \*\* *Note that MATH 096 must be taken if high school requirements have not been met. MATH 096 will not transfer to LLU. MATH 095 is a prerequisite for MATH 096.*