

Course Requirements

Domain 1: Religion & Humanities

Minimum, 20 quarter hours distributed as follows

➤ **Religion**

Take 4-8 hours of religion courses: 4-8
 (4 hours required per year of attendance at a SDA College)

➤ **Humanities**

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

- Art; Music (max 4 hours of applied art and music)
- Literature; Philosophy
- History; Foreign Language.

The following courses are recommended:

- ARTH 115+116 History of Western Art I,II (4+4)
- MUHL 105 Survey of Music (3)
- 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)
- Any foreign language

Domain 2: Scientific Inquiry & Analysis

➤ **Natural Sciences**

Take 12 hours from at least 2 areas:

Take at least one of the following courses: 5

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

Take at least one of the following courses: 4

- CHEM 101 Introductory Chemistry (4)
- CHEM 102 Survey of Organic Chemistry (4)
- CHEM 103 Survey of Biochemistry (4)
- MATH 106 College Algebra (4)
- PHYS 105/106L Introductory Physics & Lab (5+1)

Take the remaining 3 hours from the options above: 3

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 12 hours from at least 2 areas:

Take at least one course from the following: 3-4

- ANTH 124 Cultural Anthropology (4)
- SOCI 355 "Racial" and Ethnic Relations (3)

Take the remaining 8-9 hours from the following areas: 8-9

Anthropology; Political Science Psychology; Sociology

The following courses are recommended:

- ANTH 124 Cultural Anthropology (4)
- PLSC 124 Introduction to American Govt (3)
- PSYC 121 General Psychology (4)
- PSYC 234 Human Development (4)
- SOCI 121 Introduction to Sociology (4)
- SOCI 355 "Racial" and Ethnic Relations (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: 1-3

- COMM 105 Introduction to Communication (3)
- INFS 147 PC World Processing (1)
- INFS 148 PC Spreadsheets (1)

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:

- ESAC (Exercise Science Activity) courses 1+1

Domain 5: Electives

At the completion of the BS program, students must have a total of 192 quarter units. It is recommended that students complete two full years of coursework prior to transfer.

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-radiation sciences 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 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

Vicki Saunders, Pre-Allied Health Advisor
 Nursing and Health Sciences Department
 Pacific Union College
 One Angwin Avenue, Angwin, CA 94508
 Phone: (707) 965-7632
 Website: www.puc.edu/nursing
 E-mail: 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

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: <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.*

First Year	F	W	S
Intro to Allied Health	2	-	-
Introduction to Chemistry	4	-	-
College English I, II	4	-	4
Introduction to Communication	-	3	-
Religion	3	-	-
Exercise Science	1	1	-
Social Science**	-	4	-
Humanities**	-	-	4
Health**	-	-	3
Electives	2	8	5
	16	16	16

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

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.