

Office of Pre-Health Professions
PRE-MEDICAL RADIOGRAPHY

Updated 06/30/09

Name: _____ ID #: _____

Degree Requirements for students seeking matriculation to Loma Linda University:

1. If you plan to attend another university, please visit the Office of Pre-Health Professions early so that we can assist you in meeting all requirements.
2. **G.P.A:** Pre-foundational English and **C minus (C-)** grades are not transferable. A minimum **Certificate Programs in Radiation Technology beyond the A.S degree:** Medical Sonography, Nuclear Medicine Technology, Radiation Therapy Technology, Special Imaging Technology, Medical Dosimetry.
3. **Work Experience:** 12 hours minimum volunteer/paid experience in a radiology department is required.
4. **Deadline:** March 1. Applications should be submitted in October.
5. **G.P.A:** 2.5 or higher

	Units
Domain/Course(s)	
First Year Seminar (UNST 101A & 101B) (Required for both the AS and BS degrees)	2
A.S. Degree:	
Domain 1: Religion and Humanities	
Religion Course: Any religion course	4
Domain 2: Scientific Inquiry and Analysis:	
Anatomy and Physiology I (BIOL 131 & Lab)	5
Anatomy & Physiology II (BIOL 132 & Lab)	5
Introduction to Physics (PHYS 117 & Lab) OR Introduction to Chemistry (CHEM 101 & Lab)	4
Two years of High School Algebra with a grade of C or better OR Intermediate Algebra (MATH 007)	4
General Psychology (PSYC 104) OR General Sociology (SOC 104)	4
Medical Terminology (Course needs to be taken at another institution)	
Domain 3: Communication:	
College Writing I (ENGL 111)	3
College Writing II (ENGL 112)	3
College Writing III (ENGL 113)	3
Fundamentals of Speech (COMM 104) OR Interpersonal Communication (COMM 244)	4
Introduction to Computing (CPTG 104) OR High School equivalency	4
Domain 4: There are no required courses in this domain.	
Domain 5: <i>Electives to meet a minimum of 42 units</i>	
B.S. Degree requirements: This program emphasizes more advanced areas of Radiologic technology and is taken after the completion of the Associate in Science degree program or the equivalent. The student in this program chooses an area of emphasis (administrative and education, science and clinical practice) and electives to complete 192 units.	
All of the AS degree requirements plus the courses listed below:	
12 units of cultural heritage	
12 units of social sciences	
Minimum of 6 units in Science/Math courses including Biology	
Nutrition Theory & Practice (HLED 225) OR Dimensions of Health (HLED 214)	
Two PE activity courses	
8 units of Religion	

The Office of Pre-Health Professions is dedicated to providing quality service to La Sierra University students, faculty and staff. Our primary goal is to address your pre-professional needs. As a service-based department, we accept walk-ins on a daily basis. We endeavor to answer all of your questions about careers in the health field; no question is too small for our attention. We are located in Palmer Hall, home of the Chemistry department and next door to the Thaine B. Price Science Complex.

Office of Pre-Health Professions

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Career opportunities and related occupations: The medical radiographer, or radiologic technologist, assists the physician in the use of x-rays to examine the patient for broken bones, ulcers, tumors, and diseases of various organs. The technologist adjusts x-ray equipment to the correct setting for examinations, positions the patient, makes the required number of x-rays, and develops and files the finished work. The technologist aids the physician in administering chemical mixtures to the patient so that organs and tissues are clearly visible in x-ray examinations, and may also use mobile x-ray equipment at the bedside and in surgery.

Educational Qualifications: After completing the A.S. degree, students may complete 9 to 24-month long certificate programs specializing in Medical Sonography, Nuclear Medicine, Radiation Therapy, or Special Imaging. Unit's fir these areas may also be incorporated in the Bachelor of Science Program, which begins in the junior year. The B.S. program emphasizes the more advanced areas in radiologic technology. It is designed to prepare graduates for careers in administration, clinical specialties, teaching or health physics.

Job Opportunities: Jobs in the field of medical radiography are expected to grow by 23% through the year 2014.

Salary: Entry level positions can earn \$50,000 per year. Depending on experience, location and specialty radiological technologists can earn upwards to \$80,000-90,000 per year. For the most updated information on salaries visit: U.S. Bureau of Labor Statistics at <http://www.bls.gov/bls/blswage.htm>.

Websites:

La Sierra University:

www.lasierra.edu/departments/prehealth

Loma Linda University:

www.llu.edu/llu/llu/sahp/radtech/index.html

Loma Linda University:

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Professional Organizations:

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