



Bachelor of Science in Nuclear Medicine

Have You Considered a Career in Nuclear Medicine?

Nuclear Medicine is the medical specialty that utilizes the nuclear properties of radioactive and stable nuclides to make diagnostic evaluations of the anatomic or physiologic conditions of the body. The skills of the Nuclear Medicine technologist complement those of the Nuclear Medicine physician and of other allied health professionals.

Bachelor of Science (B.S.) in Nuclear Medicine

The student in this program will learn about patient care, radiation physics and safety, preparation and administration of radio-pharmaceuticals, diagnostic imaging procedures, research procedures, and radiation detection equipment, which includes computerized imaging cameras.

Clinical Training

For clinical training, each student is assigned to affiliated medical centers. In addition to Loma Linda University Medical Center, we have clinical affiliates located in Southern California. Each student is responsible for transportation to the clinical assignments. Some clinical sites may involve a 80-mile drive from Loma Linda University. Students are responsible for all costs and availability of transportation.

Professional Registration

Upon completion of the B.S. requirements, the student is eligible to sit for the qualifying examinations in (1) Nuclear Medicine of the American Registry of Radiologic Technologists (ARRT), (2) the Nuclear Medicine Technology Certification Board (NMTCB) for Nuclear Medicine. Once the student has completed the board exams for the ARRT or the NMTCB, they can apply to the State of California, Department of Health Sciences for the California license.

Students will also be able to sit for the boards exams for Computed Tomography (CT) upon completion of the program.

Application Window

- **non-ARRT applicants** - November 1 to April 15 (priority deadline is January 1) for a summer start
- **ARRT applicants** - November 1 to August 15 (priority deadline April 15) for a fall start

Loma Linda University: Educating Radiology Professionals

Loma Linda University offers a number of programs in the medical imaging field. Besides Nuclear Medicine, we offer programs in Medical Radiography, Computed Tomography, Magnetic Resonance, Imaging Informatics (online), Sonography, Radiation Therapy, and Dosimetry. We also offer an online Bachelor's and Master's degrees in Radiation Sciences, a Bachelor's degree in Healthcare Administration, and an online Radiologist Assistant Master's degree program.

Accrediting Associations

Loma Linda University is accredited by the Western Association of Schools and Colleges, Accrediting Commission for Senior Colleges and Universities, and the Radiologic Health Branch of the Department of Health Services. The Nuclear Medicine program is also accredited by the Joint Review Committee for Educational Programs in Nuclear Medicine Technology (JRCNMT).

Eligibility for ARRT Certification

Eligibility for the ARRT certification exam may be affected if the applicant has a prior felony or misdemeanor conviction. Prior to applying to this program the applicant should contact the ARRT for Nuclear Medicine to determine if eligibility will be granted.

Application Procedure

The program begins every year in June for non-radiographers and September for licensed radiographers. Go to www.llu.edu/nucmed for more information.

1. Contact Program Coordinator to have your unofficial transcripts reviewed.
2. Please read the application instructions carefully. Be sure that your application is complete, including the handwritten statement of purpose and the application fee.
3. Recommendations are sent electronically to the people you want to recommend you. You will need to include the e-mail addresses of three people in your application.
4. Make arrangements with your high school and each college that you have attended to have your official transcripts sent directly to the following address: Admissions Office, School of Allied Health Professions, Loma Linda University, Loma Linda, CA 92350. Copies of transcripts or hand delivered transcripts are considered "unofficial". To prevent delays in the selection process, please have your "official transcripts" turned in to Admissions as soon as possible.

Acceptance Process

Applicants will be interviewed by the program director, other faculty members, clinical staff and a representative of the School of Allied Health Professions. After completion of the interviews, the selection committee for the program will meet to make the final selections. Confirmation of each decision is mailed to the respective applicant from the Office of Admissions for the School of Allied Health Professions.

Program Requirements

Applicants are required to complete a background check and possess a current Health Care Provider CPR card offered by the American Heart Association upon admission into the program, adhere to the Program's professional code of conduct. Students at some clinical sites may need a drug test.

Admission Requirements

Admission to this program is dependent on the student fulfilling certain educational requirements, completing career observation experience, and submitting transcripts and letters of recommendation.

- Prerequisite courses met
- Transcripts
- Letters of recommendation
- GPA of 3.0 or better
- 8 hours of observation in Nuclear Medicine is required prior to the interview
- Interview

Prerequisite courses: applicants must complete the following subjects at an accredited college or university prior to entering the program.

HUMANITIES 20 quarter/14 semester units minimum Choose a minimum of three areas from: history, literature, philosophy, foreign language, art/music appreciation/history. Included in this minimum must be 4 quarter units of religion per year of attendance at an SDA college/university. Eight units of religion are included in the BSNM program.

NATURAL SCIENCES

Chemistry (Intro or General) with lab (one class). Chemistry for non-science majors is not accepted.

Intro or General Physics with lab (one course)

Human Anatomy & Physiology with lab (complete sequence [2 courses])

College Algebra (Statistics not accepted)

Medical Terminology

SOCIAL SCIENCES (12 quarter/8 semester units min.)

General Psychology (4 quarter/3 semester) required

Choose remaining units from the following areas: sociology, anthropology, economics, and geography

COMMUNICATION (9 quarter/6 semester units min.)

Freshman Composition, complete sequence (required)

Oral Communication

HEALTH AND WELLNESS (3 quarter/2 semester units min.)

Physical Education (2 activities)

Health or Nutrition

ELECTIVES (to meet minimum total of 80 quarter units)

PLEASE NOTE: "C minus" grades are not transferable for credit

Observation Experience

A minimum of 8 hours of career observation (volunteer/employee) in a Nuclear Medicine Department is required. The observation form is located online (www.llu.edu) under School of Allied Health Professions, under "forms". Print it out and take it with you to the facility you will be observing.

Documentation

Transcripts of college courses, records of training, and evidence of registry or licensing (when applicable), must be made available before the applicant can be accepted.

Curriculum

During the Bachelor of Science program, students take formal coursework and complete clinical hours to make up a 40-hour week. A student who is not a radiologic technologist starts one quarter earlier and will complete the program in 9 quarters or 27 months. A student who is an ARRT certified radiologic technologist should complete the program in 8 quarters (24 months),

Financial Information

Tuition and fees are subject to change each year. Students should be prepared to be responsible for all tuition fees, books, living expenses, and transportation.

Apply early for financial assistance - even before receiving your acceptance into the program. You may begin your financial aid process on October 1. The Free Application for Federal Student Aid (FAFSA) can be found online at www.fafsa.ed.gov. It's best to apply before March each year. You will need your previous year's tax information as part of the application.

Applications for Cal Grants (California residents only) must be postmarked no later than March 2.

LLU's Student Financial Aid office will help you obtain the necessary applications and guide you through the process of applying for aid. Contact them at:

Office of Financial Aid
Loma Linda University
Loma Linda, CA 92350
(909) 558-4509

Housing

On-campus housing is available for men and women. For information on the men's dormitory (Daniell's Residence), call (909) 558-4562. For information on the women's dormitory (Lindsay Hall), call (909) 558-4561.

Contact Information -

Program Coordinator: Terri Mosley (909) 583-1032
tmosley@llu.edu

**Program Director and
Clinical Coordinator:** Ray Ho rjho@llu.edu

For more information e-mail studyradsci@llu.edu or visit <http://www.llu.edu/nucmed>

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LOMA LINDA
UNIVERSITY

LLU at a Glance

>> Founded in 1905 >> A Seventh-day Adventist institution integrating health, science, and Christian faith >> Offers over 200 programs in the health sciences >> Houses eight schools: Allied Health Professions, Behavioral Health, Dentistry, Medicine, Nursing, Pharmacy, Public Health, and Religion >> About 4,000 students >> Over 1,300 faculty >> 2,000 professional researchers >> \$46 million dollars in private and public grants generated each year >> Many service learning opportunities

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