



## M.S. in Radiation Sciences

### Have You Considered a Management or Education Role in the Radiology Field?

Developing aptitude in the disciplines of leadership, administration, management, and education is key for career advancement.

Practitioners who are leaders in the profession, and who are capable of serving the greater community in the public, private, and nonprofit sectors, have a higher degree of opportunity and flexibility in their careers. Managers, administrators, and educators, who contribute to the profession's body of knowledge through leadership roles, publications, professional presentations, and advocacy are highly sought after.

### Master of Science in Radiation Science Program

The online Master of Science in Radiation Sciences (MSRS) provides students a solid foundation in the knowledge and skills needed to be successful in leadership, management, administration, and education.

The MSRS program is a two-year, 45-unit, part-time program consisting of 79 academic weeks. This seven-quarter program begins in the fall term and concludes at the end of the second spring term. Students are expected to complete six to seven units each quarter for seven quarters. An accelerated full-time, 4-quarter option spanning 12-months is available with consent from the program director. Students enroll in the same courses and there are no emphases.

### Accrediting Associations

Loma Linda University is regionally 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.

### Application Window

Applications are accepted online from January 1 to September 1.

### Financial Information

Tuition and fees are subject to change each year. Students are responsible for all tuition fees, books, living expenses, and transportation. Graduates who have earned a certificate, associate's degree, or bachelor's degree from the Department of Radiation Technology at LLU will qualify for a 6-unit tuition discount. Financial aid is available. Loan application can begin before being accepted. For financial aid information call: (909) 558-4509.

### Housing

Students under the age of 21 who are in undergraduate programs are required to live on campus, unless they are married or living with their parents. A student who desires to live off-campus but who does not meet the necessary qualifications must file a petition with the Dean for Students Affairs. This should be done in advance of registration by calling 909-558-4510.

### Program Outcomes

Upon completion of the program, the graduate should:

1. Demonstrate leadership and reflective thinking in the areas of management, administration, and education.
2. Behave in a professional manner in all interactions including communicating appropriately (written and oral) with patients, colleagues, and others.
3. Continue to improve knowledge with colleagues, and investigating new and innovative aspects of professional practice.
4. Apply advanced practice in managerial, administrative, and educational realms.

## Admission Requirements

Students are required to complete a minimum of 49 units in the program. The applicant's recommendations, phone interview, essay, and work experience are also considered in the admissions screening process. All applicants must have the following:

- Bachelor's degree GPA of 3.0.
- Certification by the American Registry of Radiologic Technologists (or equivalent) in a radiation technology discipline.
- Copy of current state license/certification
- Official transcripts for all college coursework
- Resume and three letters of reference
- Two- to three-page essay describing personal and professional skills and accomplishments, interests, career goals, and how the MRSR will assist in goal achievement.
- Phone interview (to be scheduled after application has been submitted)

## Degree Requirements

All requirements for admission and all required courses in their professional curriculum.

- Cumulative GPA of no less than 3.0 (B average)
- Completion of a professional portfolio

## Application Procedure

The M.S. in Radiation Sciences program begins each September. The School of Allied Health Professions begins accepting applications in January for the upcoming school year.

To speed the application process:

1. Be sure that your application form is complete, including Statement of purpose and application fee, and is received no later than May 1. Total number of applicants may dictate an earlier or later cut off date.
2. Send out recommendation forms to three individuals. Have them mail the recommendations to the School of Allied Health Professions.
3. Have your high school and college transcripts sent directly from the schools you attended to the LLU School of Allied Health Professions, Admissions Office, No hand carried transcripts will be accepted.
4. You will be contacted about scheduling a personal interview.

## Contact:

Program Director: Mike Iorio  
(909) 558-4931  
miorio@llu.edu

For additional questions, email [studyradsci@llu.edu](mailto:studyradsci@llu.edu) or visit [www.llu.edu/msrs](http://www.llu.edu/msrs)

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## Master's Core Classes

The Master's core: totaling 49 quarter units

## Courses

AHCJ 549 Professional Responsibility in Allied Health Professions  
AHCJ 550 Organizational Theory  
AHCJ 566 Theoretical Foundations of Leadership  
AHCJ 567 Personal Leadership  
AHCJ 576 Basics of Marketing  
AHCJ 578 Healthcare Finance and Accounting  
AHCJ 579 Instructional Effectiveness  
AHCJ 586 Curricula Planning in Health Sciences  
AHCJ 588 Fundamentals of Human Resource Management  
AHCJ 589 Strategic Planning in Health Care Organizations  
AHRM 595 Research and Statistics, Concepts, and Methods  
RTRA 519 Medical Legal Issues in Radiology  
RTRS 584 Basics of Imaging Informatics  
RTRS 614 Professional Portfolio  
RTRS 621 Capstone Project I  
RTRS 622 Capstone Project II  
Religion Elective

## Curriculum

### Fall - Year One

AHCJ 550 Organizational Theory (3)  
AHCJ 566 Theoretical Foundations of Leadership (3)  
RTRA 519 Medical Legal Issues in Radiology (1)

### Winter - Year One

AHCJ 588 Fundamentals of Human Resource Management (3)  
AHCJ 567 Personal Leadership (3)

### Spring - Year One

IDMT 521 Instructional Design (3)  
RTRS 578 Healthcare Finance and Accounting (3)

### Summer - Year One

AHCJ 576 Basics of Marketing (1)  
AHCJ 586 Curricula Planning in Health Sciences (3)  
AHCJ 589 Strategic Planning in Health Care Organizations (3)

### Fall - Year Two

AHRM 595 Research and Statistics, Concepts, and Methods (3)  
Religion elective

### Winter - Year Two

AHCJ 579 Instructional Effectiveness (3)  
RTRS 621 Capstone Project I (3)

### Spring - Year Two

RTRS 584 Basics of Imaging Informatics (3)  
RTRA 614 Professional Portfolio (3)  
RTRS 622 Capstone Project II (3)



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

Loma Linda University  
Loma Linda, California 92350  
909.558.4931  
Website: [www.llu.edu](http://www.llu.edu)  
[www.facebook.com/llualliedhealth](https://www.facebook.com/llualliedhealth)