



## Master of Science in Radiologist Assistant

### Have You Considered a Career as a Radiologist Assistant?

The Radiologist Assistant (RA) is an advanced clinical role for an ARRT-certified medical radiographer. The RA enhances patient care by extending the capacity of the radiologist in the diagnostic imaging environment. With radiologist supervision, the radiologist assistant performs patient assessment, patient management, fluoroscopy, and other radiology procedures. The radiologist assistant also makes initial observations of diagnostic images, but does not provide an official interpretation.

### Master of Science in Radiation Sciences - Major in Radiologist Assistant

The student will receive didactic and clinical mentoring in neonatal, pediatric, adult, and geriatric populations. Courses will be a mix of discussion, projects, case studies and web-based learning. Students are responsible for finding their own clinical site and radiologist mentor. This is an online program, however, students must be on campus during orientation, the first Autumn, Winter, and Spring Quarters, and during the final Spring Quarter.

### Entrance

Students can enter the online Radiologist Assistant Program with a Bachelor's degree from a regionally accredited institution. The Bachelor's degree can either be a Bachelor of Administration or a Bachelor of Science. The degree must be posted, and the transcript received, in order for the student to begin coursework in the fall.

### Prerequisites

- Bachelor's degree from a regionally accredited institution. The degree can be in administration or science.
- Current certification in medical radiography from the American Registry of Radiologic Technologists.
- Minimum of two years of full-time, consecutive medical radiography work experience.
- Current CPR certification (must complete ACLS certification prior to applying for boards)
- A course in statistics completed within the past five years. It does not have to be completed at the time of application, but must be completed prior to starting the program.
- A course in research methods completed within the past five years. It does not have to be completed at the time of application, but must be completed prior to starting the program.

### Deadlines and Start Dates

The application window is open from January 1 to June 1 of each year, and the entire application process is completed online. The program starts once a year, in late September (fall quarter). The program is seven quarters long, which is just shy of two years. Students are required to come to the Loma Linda University campus for a one-day program orientation, which is usually during the first week in September.

### Contact:

Program Director

Brigit Mendoza

bcmendoza@llu.edu

Phone: (909) 558-4931

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

| The RA curricula: 47 units year one, 47 units year two = 94 units total (includes required religion units) | Total Units |
|--|-------------|
| <b>Year One</b>  |             |
| <b>Fall – 13 Units</b>   |             |
| RELT 423 Loma Linda Perspectives   | 2           |
| RTRA 521 Radiology Procedures and Image Evaluation I   | 3           |
| RTRA 525 Fluoroscopy and Protection  | 1           |
| RTRA 526 Radiology Reporting   | 1           |
| RTRA 531 Pharmacology for RAs I  | 2           |
| RTRA 534 Pathophysiology   | 2           |
| RTRA 771 Clinical Internship I   | 2           |
| <b>Winter – 17 units</b>   |             |
| AHCJ 402 Pathology I   | 4           |
| RTRA 510 Cross Sectional Anatomy I   | 1           |
| RTRA 522 Radiology Procedures and Image Evaluation II  | 3           |
| RTRA 532 Pharmacology for RAs II   | 2           |
| RTRA 541 Patient Assessment I  | 2           |
| RTRA 772 Clinical Internship II  | 5           |
| <b>Spring – 17 units</b>   |             |
| AHCJ 403 Pathology II  | 3           |
| RTRA 511 Cross Sectional Anatomy II  | 1           |
| RTRA 523 Radiology Procedures and Image Evaluation III   | 3           |
| RTRA 542 Patient Assessment II   | 2           |
| RTRA 546 Topics for the Radiologist Assistant  | 2           |
| RTRA 773 Clinical Internship III   | 6           |
| <b>Year Two</b>  |             |
| <b>Summer – 11 units</b>   |             |
| RTRA 524 Radiology Procedures and Image Evaluation IV  | 3           |
| RTRA 543 Clinical Management and Education   | 2           |
| RTRA 774 Clinical Internship IV  | 6           |
| <b>Fall – 13 units</b>   |             |
| AHCJ 566 Theoretical Foundations of Leadership   | 3           |
| RTRA 519 Medical Legal Issues in Radiology   | 1           |
| RTRA 775 Clinical Internship V   | 6           |
| 500-Level Graduate Religion Class  | 3           |
| <b>Winter – 12 units</b>   |             |
| RTRA 518 Radiobiology and Health Physics   | 2           |
| RTRA 588 Comprehensive Review I  | 1           |
| RTRA 776 Clinical Internship VI  | 6           |
| RTRS 621 Capstone Project I  | 3           |
| <b>Spring – 11 units</b>   |             |
| RTRA 589 Comprehensive Review II   | 1           |
| RTRA 614 Professional Portfolio  | 1           |
| RTRA 777 Clinical Internship VII   | 6           |
| RTRS 622 Capstone Project II   | 3           |
| <b>Total</b>   | <b>94</b>   |



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)