



University Certificate in Cardiac & Vascular Imaging (CVI) School Certificates in Cardiac Imaging (CI) or Vascular Imaging (VI)

Program Overview

Prepare for a rewarding career as a Cardiac and/or Vascular Interventional technologist. Gain hands-on experience with sophisticated imaging equipment to produce detailed fluoroscopic images for precise patient diagnosis and treatment.

Program Details

Embark on a full-time academic journey, dedicating 40 hours per week to engaging didactic and clinical courses. Our asynchronous online format for didactic courses ensures flexibility. Within this dynamic learning environment, select from three distinct paths (CVI, CI, VI), each tailored to align with your interests and career aspirations.

Clinical Experience Details

Clinical commitment: Up to four eight-hour days per week
Clinical sites: Available in various Southern California regions.
Note: While clinical rotations are provided across different locations, it's important to note that proximity to the student's residence cannot be guaranteed by LLU.

Program outcomes

Upon successfully completing the program, graduates will be equipped to:

- Exhibit the ethics, values, and attitudes characteristic of special imaging professionals in communication, interactions, and professional behaviors.
- Demonstrate clinical competency, professional skills, and a commitment to life-long learning within the chosen special imaging modality.

The CVI student profile

Prospective CVI students should possess the following attributes:

- Enthusiastic and committed to maintaining high standards in academics, clinical performance, and patient care.

The CVI student profile (cont.)

- Possesses a broad understanding of human anatomy and proficient computer skills.
- Demonstrates strong academic performance, particularly in science and related courses.
- Detail-oriented with the ability to work under pressure, showcasing critical-thinking and problem-solving skills.

Financial Information

Tuition and fees are subject to change each year. Please review LLU's Find a Program website [page](#) for the most up-to-date information on the cost of attendance or scan the QR code below.



Students should be prepared to be responsible for all tuition fees, books, living expenses, and transportation.

Program requirements

- Current ARRT registry in radiation technology (RT)
- Current California (CRT) license
- Current BLS card with the American Heart Association
- A minimum G.P.A. of 2.5 maintained in all didactic and clinical course work.
- Venipuncture is highly recommended
- 1 year of professional experience in imaging is highly recommended

Observation experience

Gain valuable insights by completing a mandatory minimum of 12 hours of hands-on career observation. Download the career observation form from our [program webpage](#) and step into the exciting world of medical imaging.

Application

Apply Online at <https://alliedhealth.llu.edu/admissions>

Application Period: Submit your application before the deadline associated with your chosen pathway (CVI, CI, VI). Don't miss the opportunity to embark on your preferred journey with us. Apply on time!

Application Details:

Transcript Submission: Request official transcripts from all previous colleges/universities, sending them directly to the School of Allied Health Professions admissions office at Loma Linda University.

Recommendations: Include meaningful recommendations from teachers, work supervisors, or health professionals familiar with your qualifications.

Radiologic Technology Program Completion: If you're in the process of completing a radiologic technology program, you can apply as long as you'll finish ARRT, CRT, and BLS requirements by the program start date.

Certificate Options:

Choose from three pathways tailored to your interests and career goals.

Cardiac and Vascular Imaging University Certificate (CVI):

Duration: Four quarters, equivalent to 12 months

Application Window: July 1 - March 1

Application Due Date: March 1

Start: Summer Quarter

Note: The CVI program can be utilized as an emphasis for the Radiation Sciences, BSRS program.

Cardiac Interventional School Certificate (CI):

Duration: Three quarters, equivalent to 9 months

Application Window: July 1 - June 1

Application Due Date: June 1

Start: Fall Quarter

Vascular Interventional School Certificate (VI):

Duration: Three quarters, equivalent to 9 months

Application Window: July 1 - March 1

Application Due Date: March 1

Start: Summer Quarter

Interviews

- Qualified applicants will undergo interviews conducted by the program director and/or representatives from the School of Allied Health Professions.
- Notification of the interview schedule will be sent to applicants via phone and/or email.
- Your interviews will be rated based on the following four key areas:
 - Work Experience or Training Background
 - Recommendations
 - Academic Record
 - Communication Skills, Knowledge, Motivation, etc.
- We look forward to getting to know you during the interview process!

Selection

Final selections are typically determined during the quarter before the pathway start date. Upon the committee's decision, each applicant receives confirmation via mail from the Office of Admissions for the School of Allied Health Professions.

CVI, CI and VI Curriculum

Summer Quarter

	Units
RTSI 344 Pharmacology for Imaging Professionals (CVI, VI)	4.0
RTSI 356 Vascular Anatomy and Physiology (CVI, VI)	3.0
RTSI 975 CVI Affiliation (CVI, VI)	3.0
CVI Units - 10.0	VI Units - 10.0

Autumn Quarter

	Units	
RELE XXX Religion TBD (VI)	2.0	
RTSI 351 Angio/Interventional Procedures I (CVI, VI)	3.0	
RTSI 975 CVI Affiliation (CI, CVI, VI)	3.0	
CEPT 251 Cardiac EP & Rhythm Recognition I (CI, CVI)	2.0	
CEPT 245 Cardiovascular Anatomy and Physiology (CI, CVI)	3.0	
RTSI 345 Cardiac/ Interventional Procedures I (CI, CVI)	3.0	
CVI Units - 14.0	CI Units - 11.0	VI Units - 10.0

Winter Quarter

	Units	
RTSI 352 Angio/ Interventional Procedures II (CVI, VI)	3.0	
RTSI 359 VI Review (VI)	1.0	
RTSI 975 CVI Affiliation (CI, CVI, VI)	3.0	
AHCJ 402 Pathology (CI, CVI, VI)	4.0	
CEPT 252 Cardiac EP & Rhythm Recognition II (CI, CVI)	2.0	
RELE XXX Religion Course TBD (CI)	2.0	
CVI Units - 12.0	CI Units - 11.0	VI Units - 11.0

Spring Quarter

	Units
RTSI 344 Pharmacology for Imaging Professionals (CI)	4.0
RTSI 360 CI Review (CI, CVI)	1.0
RTSI 975 CVI Affiliation (CI, CVI)	3.0
RELE XXX Religion Course TBD (CVI)	2.0
CVI Units - 6.0	CI Units - 8.0

Total Units per Pathway

CVI University Certificate (Summer through Spring): 42 Units

CI School Certificate (Autumn through Spring): 30 Units

VI School Certificate (Summer through Winter): 29 Units

NOTES:

RTSI 975 requires multiple registrations to meet unit requirements

Students pursuing the CVI pathway are required to complete 12 units in RTSI 975 CVI Affiliation

Students pursuing the CI or VI pathways are required to complete 9 units in RTSI 975 CVI Affiliation

Contact Information

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For additional questions, email studyradsci@llu.edu. Visit our program webpage at: <https://alliedhealth.llu.edu/academics/radiation-technology/special-imaging-programs/special-imaging-cardiac-vascular-imaging-cert>

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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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