

CARDIAC AND VASCULAR IMAGING (CVI) – CERTIFICATE

Overview

Cardiac interventional and vascular interventional technologists work in a highly specialized field operating sophisticated imaging equipment. This technology provides detailed fluoroscopic images of the human body, assisting physicians with quality patient diagnosis and treatment.

The Cardiac and Vascular Imaging Program is a full-time, 12-month certificate that requires four quarters beginning in summer. During the program, students receive structured coursework along with clinical instruction. Clinical sites are available in a variety of regions in Southern California. The University cannot guarantee that the student will be assigned close to their residence.

The program's load requires 40 hours per week, which includes didactic and clinical experience—the latter involving up to four 8-hour days per week. Didactic courses are 100 percent online. Clinical affiliation courses require the student to be at the affiliated hospitals.

Admissions

Admission is based on a selective process. In addition to Loma Linda University (<https://llucatalog.llu.edu/about-university/admission-policies-information/#admissionrequirements>) and School of Allied Health Professions admissions requirements (<https://llucatalog.llu.edu/allied-health-professions/#generalregulationstext>), the applicant must also complete the following requirements:

- Current ARRT registry in Radiography (R)*
- 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

* An applicant who is completing a program in radiologic technology prior to the start of the program may apply as long as they have completed ARRT, CRT, and CPR requirements by the program start date.

Applicants who are eligible to take the ARRT examination for certification but who have not had opportunity to do so are given provisional status for one quarter. Eligibility to continue is subject to student's obtaining certification. It should be understood that the University will not sign or validate registry documents of students who obtained their training in another program.

Program Requirements

First Year

| Summer Quarter | | Units |
|----------------|--|-------|
| RTSI 352 | Angio/Interventional Procedures II | 3 |
| RTSI 359 | Vascular Imaging Review | 1 |
| RTCH 456 | Cardiac Interventional Clinical Affiliation | 3 |
| RTCH 457 | Vascular Interventional Clinical Affiliation | 3 |
| Autumn Quarter | | |
| CEPT 245 | Cardiovascular Anatomy and Physiology | 3 |

| CEPT 251 | Cardiac Electrophysiology and Rhythm Recognition I | 2 |
|---------------------|---|-----------|
| RTSI 345 | Cardiac/Interventional Procedures | 3 |
| Winter Quarter | | |
| AHCJ 402 | Pathology I | 4 |
| CEPT 252 | Cardiac Electrophysiology and Rhythm Recognition II | 2 |
| RELE 457 | Christian Ethics and Health Care | 2 |
| RTSI 351 | Angio/Interventional Procedures I | 3 |
| Spring Quarter | | |
| RTSI 344 | Pharmacology for Imaging Professionals | 4 |
| RTSI 356 | Vascular Anatomy and Physiology | 3 |
| RTSI 360 | Cardiac Imaging Review | 1 |
| Total Units: | | 37 |

NORMAL TIME TO COMPLETE THE PROGRAM

One (1) year (four [4] academic quarters)—based on part-time enrollment.