



### Certificate in Diagnostic Cardiac Sonography

#### Have You Considered a Career in Sonography?

Sonography is a diagnostic medical procedure that uses high frequency sound waves (ultrasound) to produce dynamic visual images of many parts of the body, such as the abdomen, heart, and blood vessels.

**Cardiac Sonography** -- A 12-month program that prepares students to receive a credential in adult Cardiac Sonography.

#### Certificate in Diagnostic Cardiac Sonography

Students completing the Diagnostic Medical Sonography program will receive a certificate and will join the ranks of distinguished alumni who have graduated from Loma Linda University's School of Allied Health Professions.

#### Why LLU?

- No waiting list. Every applicant is reviewed each year on an individual basis.
- Comprehensive and compassionate instruction in the classroom and clinical setting.
- Students gain valuable diversity in their experiences through multiple clinical rotations.
- Students receive more hands-on clinical experience than other comparable programs.
- Graduates are competent in a broader range of exams than comparable programs.
- Diligent students are often awarded ARDMS credentials prior to program completion.
- Alumni are employed at the majority of our clinical sites, providing care and guidance.
- Graduates are more prepared and desired for employment in all levels of health care.

#### Academic & Clinical Schedule

Classroom sessions are held once or twice a week for 2 to 5 hours. Clinical training is 32-35 hours per week, Monday through Friday. The student is involved with classes and clinical education from approximately 7:30am to 4:30 p.m. or on a swing shift. The program includes rotations to multiple affiliate hospitals for additional clinical training.

#### Application Process and Deadlines

Applications are accepted from October 1 to February 1. All qualified applicants will be interviewed in April/ May. Applicants must submit the career observation form, an essay, three references, transcripts from all schools attended, and online application by the postmark deadline of February 1, before an interview is granted. All prerequisites must be completed by mid-June of the Summer quarter prior to starting in September. All applicants accepted into the program will take the Fundamentals of Health Care class during the Summer quarter prior to beginning the program in September. Cardiac students will complete a EKG course during Summer quarter.

#### Academic Standing

Students must hold a minimum GPA of 2.5 or better (a higher GPA is more competitive). Students must maintain at 2.5 GPA in the program.

#### School Session

A new class in Cardiac Sonography begins each September. We accept 4-6 students. There is no waiting list.

#### Previous Degree Requirements

The Loma Linda University offers a Bachelor of Science in Diagnostic Medical Sonography and a Certificate in Cardiac Sonography. For the Certificate in Cardiac Sonography, students will need to have completed any one of the following:

- Any Associates degree (science area preferred)
- Any Bachelors degree (science area preferred)
- Be a graduate of an accredited Allied Health program, including nursing (2-year, LVN, registered nurse)

## Prerequisites

In addition to the above, all applicants must complete the following prerequisite courses within the past *five years*:

- Anatomy and Physiology, two-part sequence with labs (AHCJ 250 and AHCJ 251 available at LLU as an evening class).
- Medical Terminology (AHCJ 311 - Medical Terminology, 2 units, available at LLU, or this prerequisite can be taken as an online class at another accredited junior college)
- Introduction to Physics
- College Algebra. Can have a higher level class, such as Calculus.
- Fundamentals of Health Care (taken before entering the program at LLU the Summer prior to starting the program.)
- Complete 8 hours of observation in the LLUMC Sonography Department.

## CPR Requirement

Students are required to have a current Health Care Provider CPR card offered by the American Heart Association upon admission into the program. This is to be completed just before starting the program. Students must maintain it for the entire length of the program.

## Mental and Physical Abilities

Entrance and completion of this program signifies that the candidate is prepared to practice in the sonography profession. The candidate must be prepared to work in the standing position, do frequent walking, lift and transfer patients, communicate effectively, perform with both hands, and discriminate in color, depth, and dimensions. Also able to push and maneuver ultrasound equipment portably.

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## National Credential & Program Accreditation

Upon completion of any of the LLU Sonography certificate programs, you will be well prepared and eligible to take the national ARDMS (American Registry of Diagnostic Medical Sonographers) board examinations. This program has been fully accredited since 1983 by the Commission on Accreditation of Allied Health Education Program.

## Loma Linda University: Educating Radiology Professionals

Loma Linda University offers a number of programs in the medical imaging field. Besides Sonography, we offer programs in Medical Radiography, Computed Tomography, Imaging Informatics (online), Magnetic Resonance, Nuclear Medicine, 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.

## Financial Information

Tuition and fees are subject to change each year. Students are responsible for all tuition fees, books, living expenses, and transportation. Financial aid is available. Loan application can begin before being accepted. For financial aid information call 909-558-4509.

## Diagnostic Medical & Cardiac Sonography's Gainful Employment Disclosures

The following link will provide information regarding the cost of the certificate, financing available, median debt, normal timeframe for completion, and job placement rates for students that have completed this program. Go to:

**Cardiac:** <https://alliedhealth.llu.edu/sites/alliedhealth.llu.edu/files/docs/disclosures/gedt-cardiac/Gedt.html>

## Contact Information:

### Program Director:

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For more information e-mail [studyradsci@llu.edu](mailto:studyradsci@llu.edu) or visit [www.llu.edu/sonography](http://www.llu.edu/sonography)



## 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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