



Bachelor of Science in Diagnostic Medical Sonography

Have You Considered a Career in Sonography?

A sonographer is a highly skilled professional who uses high frequency sound waves (ultrasound) to produce dynamic visual images of the human body. Students completing the Bachelor of Sciences in Diagnostic Medical Sonography will acquire highly valued skills in the various sonography specialties such as: Obstetrics and Gynecology, Pediatrics, Neurology, Breast, Vascular Structures, and Abdominal Structures.

Students completing the Bachelor of Science in Diagnostic Medical Sonography 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.

Program Design/Format

This 27 month program is 80% face to face coursework with about 20% online. The program is comprised of both classroom and clinical education. Students will spend 32-35 hours per week in a clinical setting Monday through Friday, with class held once week 2-5 hours. Class and clinical education is from approximately 7:30am to 4:30pm or on a swing shift (late afternoon to early evening). The program includes rotations to multiple affiliate hospitals for additional clinical training.

The program starts 12-14 students each June (Summer quarter).

How To Begin Application Process and Deadlines

Applications are accepted from June 1 to December 31. Priority deadline is October 15.

Application Requirements

- Previously completed courses that will complete the domain requirements of this bachelor's degree
- GPA of 2.5 or better (a higher GPA is more competitive)
- Current Basic Life Support with American Heart Association, adult and child
- Eight (8) hours of observation in Medical Sonography (preferably at LLUMC) is required prior to interview.
- Interview

Prerequisites for the Diagnostic Medical Sonography Program

The prerequisites for the Bachelor of Science in Diagnostic Medical Sonography include completing JRDMS prerequisites and fulfilling the domain requirements for a Bachelor's degree:

JRDMS PREREQUISITES

All candidates must complete the following required JRDMS course prerequisites within the past 10 years:

- Anatomy and Physiology, complete sequence with labs (AHCJ 250 and AHCJ 251 available at LLU as an evening class).
- Medical Terminology (Can be taken as an online class at an accredited junior college)
- Intro to Physics (No lab required)
- College Algebra. Can have a higher level class, such as Calculus. (Statistics does not fulfill this requirement)
- Complete 8 hours of observation (volunteer/employee) in a Sonography Department.

DOMAIN REQUIREMENTS

Applicants must complete the following subjects at an accredited college or university prior to entering the program. The requirements for meeting these courses may have already been met by completing a prior degree, prior courses, and JRDMS required courses.

- **HUMANITIES** (Minimum 28 quarter/14 semester units min.) Choose a minimum of three areas from: history, literature, philosophy, foreign language, art/music appreciation/history. Included in this minimum must be 4 quarter units of religion per year of attendance at an SDA college/university. Eight units of religion are already included in the BS in DMS degree.
- **NATURAL SCIENCES** (Minimum of 12 quarter/8 semester units. Must be completed within the past 10 years.) Please note that the required JRDMS courses of General/Intro to Physics (no lab required), Human Anatomy & Physiology with lab (complete sequence), and College Algebra meet this requirement.
- **SOCIAL SCIENCES** (6 quarter/4 semester units min.) Choose two areas from the categories of Psychology, Sociology, Lifespan Development, Anthropology, Economics, Geography. Within the program, students will take AHCJ 493 Portfolio I (3) and AHCJ 494 Portfolio II (3) to fulfill the cultural diversity requirement.
- **COMMUNICATION** (Minimum of 9 quarter/6 semester units) Freshman Composition, complete sequence (required), Oral Communication
- **HEALTH AND WELLNESS** (minimum of 2 quarter/2 semester units) Must include Physical Education (2 activity courses), and Personal Health or Nutrition
- **ELECTIVES** (to meet minimum total of 75 quarter units)

PLEASE NOTE: "C minus" grades are not transferable for credit

*All students are required to take and pass the ARDMS SPI exam before completion of the program.

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. 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.

National Credential & Program Accreditation

Upon completion of any of the LLU Sonography bachelor programs, you will be well prepared and eligible to take the national ARDMS (American Registry of Diagnostic Medical Sonographers) board examinations. This LLU program has been fully accredited since October 1985 by the Commission on Accreditation of Allied Health Education 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.

Contact Information:

Program Director:

Marie DeLange mdelange@llu.edu

Program Coordinator:

Terri Mosley tmosley@llu.edu

For more information e-mail studyradsci@llu.edu or visit www.llu.edu/sonography

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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

Loma Linda University
Loma Linda, California 92350
909.558.4931
Website: www.llu.edu
www.facebook.com/llualliedhealth