



LOMA LINDA UNIVERSITY
School of Allied Health Professions
Radiation Technology

Prerequisites for the Diagnostic Medical Sonography Program

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

JRCDS PREREQUISITES

All candidates must complete the following required JRCDS course prerequisites in the past 5 years:

- **Anatomy and Physiology**, two-part 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 another accredited junior college)
- **Intro to Physics**
- **College Algebra**. Can have a higher level class, such as Calculus.
- **Complete 8 hours of observation** (volunteer/employee) in a Sonography Department after your application is complete.

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 and JRCDS courses.

HUMANITIES (minimum 20 quarter/14 semester units minimum)

Choose minimum of three areas from: history, literature, philosophy, foreign language, art/music appreciation/history). Included in this minimum, 4 units of religion per year of attendance at a Seventh-day Adventist college or university.

NATURAL SCIENCES (minimum of 12 quarter/8 semester units)

Intro or General Physics (no lab required)

Human Anatomy & Physiology with lab (complete sequence)

College Algebra or higher

Medical Terminology

SOCIAL SCIENCES (12 quarter/8 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.



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COMMUNICATION (minimum of 9 quarter/6 semester units)

Freshman Composition, complete sequence (required)
Oral Communication

HEALTH AND WELLNESS (minimum of 3 quarter/2 semester units)

Physical Education (2 activities)
Nutrition (or Health-related class)

ELECTIVES

Complete electives to meet a minimum of 128 semester/192 quarter units for graduation, including the professional curriculum.

Please Note: C- grades or below are not transferable for credit. If you repeat a class the latest grade is recognized. Courses must be from an Accredited Institution.

Additional Requirements

CPR - 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 certification for the entire length of the program. CPR is offered through the Life Support Education Department. There is no need to take CPR until notification of acceptance.

Deadlines

All prerequisites must be completed by June of the same year that you plan to start the program. Grades for prerequisite courses must be posted on transcripts prior to beginning the first class.

All required JRCDS course prerequisites must be completed within the last 5 years.

Completing GE Courses at LLU

Anatomy and Physiology, Medical Terminology, Physics and other GE courses are offered through the School of Allied Health Professions Basic Sciences Department.

Department of Radiation Technology

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