Program Description

PROFESSION
The diagnostic ultrasound profession is a multispecialty field comprised of diagnostic medical sonograph (DMS)-with subspecialties in abdominal, neurologic, obstetric/gynecologic; diagnostic cardiac sonography (DCS)-with subspecialties in adult and pediatric echocardiography; vascular technology (VT); and other emerging fields. These diverse specialties are distinguished by their use of diagnostic medical ultrasound as primary technology in their daily work. The diagnostic ultrasound professional is an individual qualified by professional credentialing and academic clinical experience to provide diagnostic patient-care services using ultrasound and related diagnostic procedures. Diagnostic ultrasound professionals perform patient assessments, acquire and analyze data obtained using ultrasound-related diagnostic technologies, provide a summary of findings to the physician to aid in patient diagnosis and management, and use independent judgment and systematic problem-solving methods to produce high-quality diagnostic information and optimize patient care.

PROGRAM
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.

PROFESSIONAL CREDENTIALING
Upon completion of the certificate requirements, the student is eligible to sit for the national examination board of the American Registry of Diagnostic Medical Sonographers.

Program Length
27 months

Possible Careers
Sonographer, Ultrasound Technologist, Registered Diagnostic Medical Sonographer, Registered Vascular Technologist

Application Deadlines

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Application Open</th>
<th>Priority Deadline</th>
<th>Final Deadline</th>
</tr>
</thead>
</table>

Admissions 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 after application has been submitted.
• Interview

Prerequisites

JRCDS PREREQUISITES

All candidates must complete the following required JRCDS course prerequisites within the past 5 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 JRCDS required courses.

• HUMANITIES (Minimum 20 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.

• NATURAL SCIENCES (Minimum of 12 quarter/8 semester units.
  Must be completed within the past 10 years.) Please note that the required JRCDS courses of General/Intro to Physics (no lab required), Human Anatomy & Physiology with lab (complete sequence), and College Algebra meet this requirement.

• SOCIAL SCIENCES (8 quarter/6 semester units min.)
  Choose two areas from the categories of Psychology, Sociology, Lifespan Development, Anthropology, Economics, Geography.

• 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)
  Must include Physical Education (2 activity courses), and Personal Health or Nutrition
• **ELECTIVES** (to meet minimum total of 60 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.

### Discipline Accrediting Agency

The Loma Linda University Diagnostic Medical Sonography program has been fully accredited by the Joint Review Committee on Education in Medical Sonography (JRCDMS) and the Commission on Accreditation of Allied Health Education Programs (CAAHEP) in general sonography and vascular and echocardiography.

### Expected Cost of Attendance

#### Academic Year

<table>
<thead>
<tr>
<th></th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tuition</strong></td>
<td>$24,420</td>
<td>$21,120</td>
<td>$7,260</td>
</tr>
<tr>
<td><strong>Fees</strong></td>
<td>$3,680</td>
<td>$3,680</td>
<td>$920</td>
</tr>
<tr>
<td><strong>Books &amp; Supplies</strong></td>
<td>$2,200</td>
<td>$2,200</td>
<td>—</td>
</tr>
<tr>
<td><strong>Instruments</strong></td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td><strong>Misc (e.g., Boards, Licensing exam, Uniforms)</strong></td>
<td>—</td>
<td>—</td>
<td>—</td>
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<tr>
<td><strong>Total</strong></td>
<td>$30,300</td>
<td>$27,000</td>
<td>$8,180</td>
</tr>
</tbody>
</table>

### Notes

Expected costs for the academic year are based on full time attendance. From year to year, increases are anticipated consistent with inflation in the professional education sector.

### Estimated Living Expenses
**Academic Year, off campus, with a roommate**

<table>
<thead>
<tr>
<th></th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year of Program</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Months enrolled</td>
<td>12</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Room &amp; Board</td>
<td>$15,540</td>
<td>$15,540</td>
<td>$3,885</td>
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<tr>
<td>Transportation</td>
<td>$3,840</td>
<td>$3,840</td>
<td>$960</td>
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<tr>
<td>Personal Expenses</td>
<td>$2,760</td>
<td>$2,760</td>
<td>$690</td>
</tr>
</tbody>
</table>

**Notes**

- Amounts are what a student can apply to borrow for the number of months shown in each academic year based on living off campus with a roommate and not with a relative.
- International students need to calculate 12 months of living expenses based on the numbers listed here.
- In general, to qualify for financial aid a student must be enrolled at least half time taking degree requirements. Half time is 6 units in a quarter for undergraduate programs and 4 units in a quarter for graduate programs.