

Course Requirements

96 hours distributed as follows:

Domain 1: Religion & Humanities

Minimum, 20 quarter hours distributed as follows:

➤ **Religion**

Take 4 hours of religion courses for each year of attendance at an SDA College: 4-8

➤ **Humanities**

Take the remaining 12-16 hours from at least three of the following areas: 12-16

- Art/Music, Performing Arts (max 4 hours);
- Literature, Philosophy;
- History, Foreign Language.

The following courses are recommended options:

- ARTH 115+116 History of Western Art I,II (4+4)
- MUHL 105 Survey of Music (3)
- ENGL 212+213 Shakespeare in Perf+Project (2+1)
- ENGL 301 Themes in Literature (4)
- PHIL 101 Introduction to Philosophy (4)
- HIST 101+102 History of World Civ I,II (4+4)
- HIST 134+135 History of the United States I,II (4+4)
- SPAN 105 Spanish for Healthcare I (3)
- Any foreign language

Domain 2: Scientific Inquiry & Analysis

➤ **Natural Sciences***

Minimum 12 quarter hours from at least two areas, distributed as follows:

Take the following required courses:

- BIOL 101 Human Anatomy (5)
- BIOL 102 Human Physiology (5)
- BIOL 223 Medical Terminology (2)
- MATH 106 College Algebra (4)
- PHYS 105** Introduction to Physics (5)
- or PHYS 111** General Physics I (4)

➤ **Social Sciences**

Minimum 12 quarter hours from at least two areas, distributed as follows:

- Anthropology, Psychology, Sociology;
- Economics, Geography, Political Science

The following courses are recommended options:

- ANTH 124 Cultural Anthropology (4)
- PSYC 121 General Psychology (4)
- PSYC 234 Human Development (4)
- PSYC 358 Abnormal Psychology (4)
- SOCI 121 Introduction to Sociology (4)
- ECON 261 Macroeconomics (4)
- ECON 265 Microeconomics (4)
- GEOG 210 World Regional Geography (3)
- PLSC 124 Introduction to American Govt (4)

* Must be completed within the last 10 years.

**Lab is not required

Domain 3: Communication

Minimum 9 quarter hours distributed as follows:

Take the following required courses:

- ENGL 101+102 College English I,II 4+4

Take at least one of the following: 3-4

- COMM 105 Communication & Public Speaking (4)
- COMM 326 Advanced Public Speaking (3)

Domain 4: Health & Wellness

Minimum 3 quarter hours distributed as follows:

Take at least one course from the following: 2-3

- FDNT 235 Nutrition (3)
- HLED 162 Fitness for Life (2)
- HLED 166 Health Education (2)

Take at least two courses from the following: 2

- ESAC Exercise Science Activity Courses (1)

Domain 5: Electives & Other Requirements

Take additional electives as needed to meet the minimum requirement of 96 transferable quarter hours. Applicable areas may include Chemistry, Statistics, and Geology.

Work Experience

At least 8 hours of observation experience in Medical Sonography (preferably at LLUMC) is required prior to interview.

PLEASE NOTE: C minus (C-) grades are not transferable for credit to Loma Linda University.

Health Sciences, A.S. or B.S.

Pacific Union College offers an A.S. and B.S. degree with a major in Health Sciences. These majors can be taken in conjunction with the pre-healthcare administration requirements. For more information, see page NHSC-06 or NHSC-07, or contact the Health Sciences advisor in the Nursing and Health Sciences Department.

Occupational Information

What can I do with this profession?

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.

Professional Training

LLU's 27-month program is 80% face to face coursework with about 20% online. The program is comprised of both classroom and clinical education. It includes rotations to multiple affiliate hospitals for additional clinical training.

Entrance and completion of this program signifies that the candidate is prepared to practice in the sonography profession. Upon completion of this program, students will be prepared and eligible to take the national American Registry of Diagnostic Medical Sonographers (ARDMS) board examinations.

Job Outlook

The medical professions in general are experiencing challenges due to changes in healthcare. LLU students have a very high success rate in obtaining positions before or soon after graduation.

Earnings

Diagnostic Medical Sonographers earn an average of \$64,440 a year or \$30.95 an hour, depending on geographic area, experience and specialty. Those with more on the job experience and higher job positions can earn up to \$88,490 annually.

For More Information

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To apply online, go to: <http://www.llu.edu/apply/>
 Note: Admission requirements are subject to change each year.

Sample Two-Year Program

This sample curriculum is designed to show you how a program may be constructed and to help you select a proper sequence of courses in the major. It is not likely that these courses can always be taken in the order given. Your advisor will help you design a personalized program of studies.*

First Year	F	W	S
Intro to Allied Health	2	-	-
College English I,II	4	4	-
Religion Courses	-	3	3
Comm & Pub Spk or Adv Public Speaking	-	-	3-4
Exercise Science Activity Course	-	1	-
College Algebra	-	4	-
Intro or General Physics	4-5	-	-
Social Sciences Courses*	3-4	-	3-4
Humanities Course*	-	3-4	-
Health & Wellness Course*	-	-	2-3
Electives	2	-	3
	≤17	≤16	≤17

Second Year	F	W	S
Issues in Allied Health	-	-	2
Human Anatomy & Physiology	5	5	-
Religion Course	-	-	3
Medical Terminology	-	-	2
Humanities Courses*	4	4	4
Exercise Science Activity Course	-	1	-
Social Sciences Course*	3-4	3-4	-
Electives	3	2	5
	≤16	≤16	16

Third and Fourth Years are taken at Loma Linda University.

* See "Courses Requirements" for requirements and options when selecting courses in this area.