

Course Requirements

96 hours distributed as follows:

Domain 1: Religion & Humanities

Minimum, 20 quarter hours distributed as follows

► **Religion**

Take 4-8 hours of religion courses: 4-8
(4 hours required per year of attendance at a SDA College)

► **Humanities**

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

- Art; Music (max 4 hours of applied art and music)
- Literature; Philosophy
- History; Foreign Language.

The following courses are recommended:

- ARTH 115 History of Western Art I (4)
 - ARTH 116 History of Western Art II (4)
 - MUHL 105 Survey of Music (3)
 - ENGL 212 Shakespeare in Performance (2-3)
 - ENGL 301 Great Books (4)
 - PHIL 101 Introduction to Philosophy (4)
 - HIST 101-102 History of World Civilizations (4-4)
 - HIST 134-135 History of the United States (4-4)
- Any foreign language

Domain 2: Scientific Inquiry & Analysis

► **Natural Sciences**

Take the following required courses:

BIOL 111	Biological Foundations	5
CHEM 111-2-3	General Chemistry	5 + 5 + 5
CHEM 371-2-3	Organic Chemistry	4 + 4 + 4
MATH 106	College Algebra	4
PHYS 111-2-3	General Physics	4 + 4 + 4

► **Social Sciences**

Take 12 hours from at least 2 areas:

Take at least one course from the following: 3-4

ANTH 124	Cultural Anthropology (4)
SOCI 355	“Racial” and Ethnic Relations (3)

Take the remaining 8-9 hours from the following areas: 8-9

Anthropology; Economics; Geography; Political Science
Psychology; Sociology

The following courses are recommended:

- ANTH 124 Cultural Anthropology (4)
- ECON 261 Macroeconomics (4)
- ECON 265 Microeconomics (4)
- GEOG 210 World Regional Geography (3)
- PLSC 124 Introduction to American Govt (3)
- PSYC 121 General Psychology (4)
- PSYC 234 Human Development (4)
- SOCI 121 Introduction to Sociology (4)
- SOCI 214 The Family (4)
- SOCI 355 “Racial” and Ethnic Relations (3)

Domain 3: Communication

Minimum, 9 quarter hours distributed as follows

Take the following required courses: 4 + 4

ENGL 101-102	College English
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Take at least one course from the following: 3

COMM 105	Intro to Communication (3)
COMM 226	Public Speaking (3)
CPTR 105	Introduction to Computers (3)

Domain 4: Health & Wellness

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

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

Take at least two courses from the following: 1 + 1

ESAC (Exercise Science Activity) courses
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Domain 5: Electives

Take additional electives as needed to meet the minimum requirement of 96 transferable quarter hours.

- Recommended: Anatomy & Physiology, Biochemistry, Genetics, Cellular or Molecular Biology, Speech, Computer Applications, Critical Thinking

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

Occupational Information

General Areas of Service

The clinical laboratory scientist supervises or performs laboratory tests that aid the physician in the diagnosis and treatment of the patient’s disease. Often, these tests—in clinical chemistry, medical microbiology, parasitology, serology, hematology, immunology, bloodbanking, clinical microscopy, nuclear medicine, and other analyses—may disclose subtle changes that might not be detected in any other way. The majority of medical technologists find work in Clinical Laboratories, research industry, or public health agencies in this country and abroad.

Professional Training

The B.S. degree prepares the graduate for licensure examinations administered by the State of California Department of Health and the American Society of Clinical Pathologists.

Denominational Service

Adventist hospitals and the worldwide mission work need medical technologists.

Job Outlook

Good. Hospitals, private laboratories, and government agencies offer opportunities for employment. Nationally and in California the job outlook now appears bright.

Earnings

Starting salaries in California range from \$54,000-\$75,000 per year, higher for experience and/or advanced training.

For More Information

State of California
 Department of Health Laboratory Field Services
 2151 Berkeley Way Berkeley, CA 94704

American Society of Clinical Pathologists Board of Registry,
 P.O. Box 12270 Chicago, IL 60612

Jennifer Wareham Best (Advisor)
 Teaching and Learning Center
 Pacific Union College
 One Angwin Avenue
 Angwin, CA 94508
 Phone: (707) 965-7688
 E-mail: jwareham@puc.edu
 Website: www.puc.edu/tlc

Department of Clinical Laboratory Science
 School of Allied Health Professions
 Loma Linda University Loma Linda, CA 92350
 (909) 824-4966 or (800) 422-4558

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
College English	-	4	4
General Chemistry	5	5	5
Human Anatomy	-	5	-
College Algebra or Pre-calculus	4	-	-
Religion	3	3	-
Human Physiology	-	-	5
Social Sciences/Cultural Heritage*	4	-	-
Electives	-	-	1
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	16	17	15
Second Year	F	W	S
Biological Foundations	5	-	-
Organic Chemistry	4	4	4
Religion	-	3	-
Social Sciences/Cultural Heritage*	8	6	6
Health	-	2	-
Intro to Physics & Lab	-	-	6
Exercise Science Activity	-	1	1
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	17	16	17

Third and Fourth Years are taken at Loma Linda University.

* See "Course Requirements" listed on previous page