

**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	Themes in Literature (4)
ENGL 331	Literature for Adolescents (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)
Any foreign language	

**Domain 2: Scientific Inquiry & Analysis**

► **Natural Sciences**

Take the following required courses:

BIOL 111	Biological Foundations I	5
CHEM 111+112+113	General Chemistry	5+5+5
CHEM 371+372+373	Organic Chemistry	4+4+4
MATH 106	College Algebra	4

Take one of the following options: 6-12

PHYS 105+106L	Intro to Physics & Lab (6)
PHYS 111+112+113	General Physics (12)

*The following courses are optional but recommended:*

BIOL 101+102	Human Anatomy & Physiology (5+5)
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► **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:

ENGL 101+102	College English I, II	4+4
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Take at least one of the following courses: 1-3

COMM 105	Introduction to Communication (3)
INFS 147	PC World Processing (1)
INFS 148	PC Spreadsheets (1)

**Domain 4: Health & Wellness**

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:

ESAC (Exercise Science Activity) courses	1+1
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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.

**Health Sciences, A.S.**

Pacific Union College offers an A.S. degree with a major in Health Sciences. This major can be taken in conjunction with the pre-clinical laboratory science requirements. For more information, see guidesheet NHSC-03 or contact the Health Sciences advisor in the Nursing and Health Sciences Department.

**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

Vicki Saunders, Pre-Allied Health Advisor  
 Nursing and Health Sciences Department  
 Pacific Union College  
 One Angwin Avenue, Angwin, CA 94508  
 Phone: (707) 965-7632  
 Website: [www.puc.edu/nursing](http://www.puc.edu/nursing)  
 E-mail: [vasaunders@puc.edu](mailto:vasaunders@puc.edu)

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.

<b>First Year</b>	<b>F</b>	<b>W</b>	<b>S</b>
Intro to Allied Health	-	2	-
College English I, II	-	4	4
General Chemistry	5	5	5
Human Anatomy	-	5	-
College Algebra or Pre-calculus	4	-	-
Religion	3	-	3
Human Physiology	-	-	5
Exercise Science Activity	-	1	-
Social Sciences/Cultural Heritage*	4	-	-
	16	17	17

  

<b>Second Year</b>	<b>F</b>	<b>W</b>	<b>S</b>
Issues in Allied Health	-	2	-
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
	17	17	17

**Third and Fourth Years** are taken at Loma Linda University.

\* See "Course Requirements" listed on previous page