

Course Requirements

Admission requirements for 2009-2010 academic year

98 hours distributed as follows:

Spiritual and Cultural Heritage

(Minimum, 20 qtr hrs)

Religion

(Minimum, 4 quarter hours per year of attendance at a Seventh-day Adventist college)

Cultural Heritage

(Minimum, 20 quarter hours from at least two areas. Select the remaining 16-20 hours from the following: Art, music, (a maximum of 2 hours of applied art and music may apply) literature, philosophy, civilization/history, and foreign language.

The following courses are recommended:

ARTH 115	History of Western Art (4)
ARTH 116	History of Western Art (4)
MUHL 105	Survey of Music (3)
ENGL 301	Great Books (4)
ENGL 473	Shakespeare in Performance (2-3)
HIST 101-102	History of World Civilizations (4-4)
HIST 134-135	History of the United States (4-4)
PHIL 101	Introduction to Philosophy (4)

Any foreign language

Natural Sciences and Mathematics

The following are required:

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	General Physics	4
	(or PHYS 105 and 106L)	(6)

The following is optional, but will fulfill the requirement for Natural Science:

BIOL 111-2-3	Biological Foundations	5-5-5
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Social Sciences

(Minimum, 12 quarter hours)

Select 12 hours from at least two of the following areas: Economics, geography, political science, psychology, and sociology

Required: ANTH 124 Cultural Anthropology (4)

The following courses are recommended:

ECON 261	Prin. of Economics-Macroeconomics (4)
ECON 265	Prin. of Economics-Microeconomics (4)
GEOG 210	World Regional Geography (3)
PLSC 124	Introduction to American Government (3)
PSYC 121	General Psychology (4)
PSYC 234	Human Development (4)
SOCI 121	Introduction to Sociology (4)
SOCI 214	The Family (4)

Communication Skills

(Minimum, 9 quarter hours)

Required: ENGL 101-102 College English (4-4)

Select at least one course from the following:

COMM 105	Speech Communication (3)
COMM 226	Public Speaking (3)
OFAD 201 or 203	Word Processing (2)

Health and Wellness

Select at least one course from the following:

FDNT 235	Nutrition (3)
HLED 162	Fitness for Life (2)
HLED 166	Health Education (2)
HLED 169	Current Health Concerns (2)

A minimum of two exercise science activity courses

Electives to meet 98 hours minimum

Recommended: BUAD, MGMT, CPTR CHEM, and MATH courses.

**BIOL 101 & BIOL 102 are strongly recommended.*

Occupational Information

General Areas of Service:

The medical technologist 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:

Good. 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 \$26,000-\$36,000 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

Dr. Brian Wong (Advisor)
 Biology Department,
 Pacific Union College
 One Angwin Avenue
 Angwin, CA 94508
 (707) 965-6635

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

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	A	W	S
College English	-	4	4
General Chemistry	5	5	5
Human Anatomy	-	5	-
College Algebra or Pre-calculus	4	-	-
Religion	2	2	-
Human Physiology	-	-	5
Social Sciences/Cultural Heritage*	5	-	-
Electives	-	-	2
	16	16	16

Summer

General Physics 12
 (Recommendation: Take General Physics during the summer because of the heavy science load during the second year.)

Second Year	A	W	S
Biological Foundations	5	5	5
Organic Chemistry	4	4	4
Religion	2	2	-
Social Sciences/Cultural Heritage*	6	6	6
Health	-	-	2
	17	17	17

Third and Fourth Years (at Loma Linda University)

*Note: Admission requirements are subject to change each year.
 * See “Course Requirements” above.*

Cultural Heritage (16 hours)
 Social Sciences (12 hours)