

Course Requirements

98 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	Span for Hlth Care Prof (4)
	Any foreign language (Amer Sign Lang)

Domain 2: Scientific Inquiry & Analysis

➤ **Natural Sciences**

Take the following required courses (61 hours):

BIOL 101	Human Anatomy	5
BIOL 102	Human Physiology	5
BIOL 111+112+113	Biological Foundations I,II,III	5+5+5
CHEM 111+L	General Chemistry I+Lab	4+1
CHEM 112+L	General Chemistry II+Lab	4+1
CHEM 113+L	General Chemistry III+Lab	4+1
CHEM 371+L	Organic Chemistry I+Lab	3+1
CHEM 372+L	Organic Chemistry II+Lab	3+1
CHEM 373+L	Organic Chemistry III+Lab	3+1
MATH 106	College Algebra	4
MICR 134	General Microbiology	5

➤ **Social Sciences**

Take 12 hours from at least two 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 hours from the following areas: 8-9

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

The following courses are recommended options:

ANTH 124	Cultural Anthropology (4)
ECON 261	Macroeconomics (4)
ECON 265	Microeconomics (4)
GEOG 210	World Regional Geography (3)
GEOG 220	Geography of the Americas (3)
PLSC 124	Introduction to American Govt (4)

PSYC 121	General Psychology (4)
PSYC 234	Human Development (4)
SOCI 121	Introduction to Sociology (4)

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: 3-4

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

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: 2

ESAC	Exercise Science Activity Courses (1)
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Domain 5: Electives

Take additional electives as needed to meet the minimum requirement of 98 transferable quarter hours.

Recommended: Cell Biology, Genetics, Histology

PLEASE NOTE: 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-cytotechnology requirements. For more information, see page NHSC-03 or contact the Health Sciences advisor in the Nursing and Health Sciences Department.

Occupational Information

What can I do with this profession?

Cytotechnology is a specialty within the broad field of clinical laboratory science. Cytotechnologists aid in the early detection of disease by differentiating normal, atypical, and malignant cells. In recognizing microscopic abnormalities of cells and cellular patterns from various body sites, the cytotechnologist assists the pathologist in detecting cancer at its earliest and potentially most curable stage. Medical applications of cytologic techniques are constantly expanding, particularly in the diagnosis and management of the cancer patient. Cytotechnologists work in hospitals, clinics, or in independent pathology laboratories. They can advance to supervisory positions, participate in research activities, or become teachers in the field.

Additional Education Required?

Two additional years at an accredited college or university leads to a bachelor of science degree.

Job Outlook

The employment outlook is favorable with the demand for trained workers exceeding the supply. This trend is expected to continue, but many job seekers may have to choose work locations outside of large urban areas where competition for available openings may be present.

Earnings

Salaries for cytotechnologists vary with experience and location in the range of \$58,000-\$65,000 per year.

For More Information

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 School of Allied Health Professions
 Loma Linda University, Loma Linda, CA 92350
 (909) 558-4000 ext. 45386

The applicant is advised to contact the chair of the LLU Department of Clinical Laboratory by the fall quarter of the sophomore year.

The Cytotechnology program begins in August

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
General Chemistry I,II,III	5	5	5
Biological Foundations I,II,III	5	5	5
Religion Courses	-	3	3
Exercise Science Activity Course	1	-	-
Comm & Pub Spk or Adv Pub Spk	3-4	-	-
	≤17	17	17
			Su
Summer			
Organic Chemistry I,II,III		4 + 4 + 4	
			12
Second Year	F	W	S
Issues in Allied Health	-	-	2
Human Anatomy	5	-	-
Human Physiology	-	5	-
General Microbiology	-	-	5
College Algebra	4	-	-
Religion Course	-	-	3
Social Sciences Courses*	-	4	4
Humanities Courses*	3	6	3
Anthropology or Ethnic Relations*	3-4	-	-
Exercise Science Activity Course	-	1	-
	≤16	16	17

Third and Fourth Years are taken at Loma Linda University.

* See "Course Requirements" listed on previous page.