

Course Requirements

98 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 101+102 Human Anatomy & Physiology 5+5
- BIOL 111+112+113 Biological Foundations 5+5+5
- CHEM 111+112+113 General Chemistry 5+5+5
- CHEM 371+372+373 Organic Chemistry 4+4+4
- MATH 106 College Algebra 4
- MICR 134 General Microbiology 5

► **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

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

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 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-cytotechnology requirements. For more information, see guidesheet 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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Department of Clinical Laboratory Science
 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 Sequence	5	5	5
Biological Foundations Sequence	5	5	5
Religion	3	3	-
Exercise Science Activity	1	-	-
Intro to Communication	-	-	3
	16	17	17

Summer	Su		
Organic Chemistry	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	-	-	3
Social Sciences*	-	4	4
Humanities*	3	6	3
Anthropology or Ethnic Relations*	4	-	-
Exercise Science Activity	-	1	-
	16	16	17

Third and Fourth Years are taken at Loma Linda University.

* See "Course Requirements" listed on previous page