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

Vicki Saunders, Pre-Allied Health Advisor
Nursing and Health Sciences Department
Pacific Union College
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Website: www.puc.edu/nursing
E-mail: vasaunders@puc.edu

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.