

Office of Pre-Health Professions PRE-CYTOTECHNOLOGY

Updated 06/30/09

Name: _____ ID #: _____

Degree Requirements for students seeking matriculation to Loma Linda University:

1. If you plan to attend another university, please visit the Office of Pre-Health Professions early so that we can assist you in meeting all requirements.
2. **G.P.A.:** A minimum GPA of 2.75 in all science courses and a minimum of 2.0 in all other classes. **C minus (C-)** grades and pre-foundational courses are not transferable.
3. **Recommended courses to meet 96 units:** Histology, Genetics, Cell and Molecular Biology.
4. **Application to Loma Linda:** Application deadline is March 1. <http://www.llu.edu/apply>.

	Units
Domain/Course(s)	
First Year Seminar (UNST 101A & 101B)	2
Domain 1: Religion and Humanities: Total of 20 qtr. units	
Religion Course: One religion course for every year of attendance at an SDA university/college (Max. of 8 units)	8
Humanities: 3 subject areas Art/Music (Performing arts limited to 4 qtr. units) (ARTA 205 OR MUHL 205) Literature, Philosophy (ENGL 224, 246; PHIL 204, 208), History (HIST 105, HPSC 104, 106) Language: Any language including Amer. Sign Language	12
Domain 2: Scientific Inquiry and Analysis:	
Natural Sciences:	
General Biology I (BIOL 111 & Lab)	5
General Biology II (BIOL 112 & Lab)	5
General Biology III (BIOL 113 & Lab)	5
Anatomy and Physiology I (BIOL 131 & Lab)	5
Anatomy and Physiology II (BIOL 132 & Lab)	5
Microbiology (BIOL 185 & lab)	5
General Chemistry I (CHEM 111 & Lab)	5
General Chemistry II (CHEM 112 & Lab)	5
General Chemistry III (CHEM 113 & Labs)	5
College Algebra (MATH 121)	4
Social Sciences: 2 areas/12 qtr. units	
Cultural Diversity: (Required) Choose from: ANTH 315, HPSC 106, PSYCH 315, SOCI 307, RLGN 305 Select remainder of units from: ANTH 315; SOCI 104; PSYC 104, 234; PLSC 274; ECON 254, 255	12
Domain 3: Communication:	
College Writing (ENGL 111)	3
College Writing (ENGL 112)	3
College Writing (ENGL 113)	3
Recommended: Intro. to Computing (CPTG 104) OR Fundamentals of Speech (COMM 104) OR Interpersonal Communication (COMM 244)	
Domain 4: Health and Wellness	
Physical Education (2 Activity Courses)	1
Nutrition Theory & Practice (HLED 225) OR Dimensions of Health (HLED 214)	4
Domain 5: Electives to complete 96 quarter units. Pre-foundational courses do not count toward the 96 units.	

The Office of Pre-Health Professions is dedicated to providing quality service to La Sierra University students, faculty and staff. Our primary goal is to address your pre-professional needs. As a service-based department, we accept walk-ins on a daily basis. We endeavor to answer all of your questions about careers in the health field; no question is too small for our attention. We are located in Palmer Hall, home of the Chemistry department and next door to the Thaine B. Price Science Complex.

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Career opportunities and related occupations: Cytotechnology is a specialty within the broad field of clinical laboratory science. The cytechnologist is a cell expert who works under the direction of a pathologist. The responsibility of cytechnologist is to detect cell changes caused by different disease processes. They differentiate normal, atypical, and malignant cell changes. In recognizing microscopic abnormalities of cells and cellular patterns from various body sites, they assist the pathologist in detecting cancer at its earliest and potentially most curable state. As a result, physicians are able to diagnose and treat cancer before discovering the existence by alternate methods. Most cytechnologists work in hospitals, clinics, or private laboratories.

Educational Qualifications: Two years at an accredited college is followed by a twelve month cytechnology certificate program. Students who wish to obtain a B.S. degree may continue with their studies for two additional quarters. With the certificate in cytechnology and a baccalaureate degree, the student is eligible to take the national licensing examination.

Job Opportunities: The demand for cytechnologists far exceeds the number of skilled professionals presently available. Cytechnologists can advance to supervisory positions, participate in research activities, or become teachers in the field.

Salary: Earnings are between \$48,000-\$61,000 depending on state, experience and the place of employment. For the most updated information on salaries visit: U.S. Bureau of Labor Statistics at <http://www.bls.gov/bls/blswage.htm>

Websites:	Loma Linda University:	Professional Organizations:
<p>La Sierra University: www.lasierra.edu/departments/prehealth</p> <p>Loma Linda University: http://www.llu.edu/llu/sahp/clinlab/index.html</p>	<p>Marlene Ota Dept. of Clinical Laboratory Science School of Allied Health Professions Suite 1006 Loma Linda University Loma Linda, CA 92350</p> <p>Phone: 909-558-4000 ext. 45386 E-mail: mota@llu.edu</p>	<p>American Society of Cytology 1015 Chestnut Street, Ste., 1518 Philadelphia, PA 19107</p>