



LOMA LINDA
UNIVERSITY

Clinical Laboratory Science

School of Allied Health Professions



PROGRAM OFFERED

- ◆ B.S.

If you have an interest in biology or chemistry, have an investigative mind, enjoy the challenge of solving problems quickly and accurately, coupled with a desire to help others, you should consider a career as a Clinical Laboratory Scientist.

Clinical Laboratory Scientists (CLS)

- Operate laboratory instruments
- Correlate test results with patient condition
- Identify abnormal cells
- Perform DNA testing
- Prepare blood products for safe transfusions
- Culture and identify bacteria & viruses
- Select and evaluate lab equipment
- Monitor the quality of testing
- Participate in research

JOB OPPORTUNITIES

- Immediate employment available upon graduation
- 98% employment rate for CLS graduates
- High demand in urban, suburban and rural areas
- 14% job growth through the year 2024 (much faster than average)

CAREER OPTIONS

- 70% employed in medical laboratories but excellent opportunities in biomedical companies, research, public health, pharmaceutical industry, forensics and others
- Excellent preparation for medical or dental school, as well as, Pharmacy or Physician's Assistant programs

SALARIES

- \$55,000 median salary in California for 2017
- \$26.44 hourly median salary in California for 2017 from careeronestop.org

PROGRAM FEATURES

- Fully accredited by NAACLS, 5600 N. River Rd. Suite 720, Rosemont, IL 60018-5119, (773) 714-8880
- Clinical experience is obtained at nearby health care facilities, including Loma Linda University Medical Center – a world renowned medical institution
- Excellent faculty/student ratio
- “2+2” program that includes all required clinical training before graduation
- Graduates receive a B.S. degree and are eligible for national board exams and California licensing

EDUCATION & TRAINING

The required prerequisites take 2 years to complete and can be taken at any accredited college or university, including community college. Entry into the CLS program is at the junior year baccalaureate level.

- Junior year is a 10 month program of lecture and student laboratory. Emphasis is on clinical science courses, including theory and clinical correlations
- Senior year is a 10 month clinical practicum which provides professional clinical experience in the hospital laboratory environment. Emphasis is on technical proficiency, application of theory to patient care, laboratory organization and managerial skills

MORE QUESTIONS? CALL US!

(909) 558-4966

Web: <http://www.llu.edu/allied-health/sahp/clinlab>

Email: studycls@llu.edu

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alliedhealth.llu.edu

PREREQUISITES

The minimum subject requirements are:

1. HUMANITIES AND RELIGION (20 QTR OR 14 SEM-UNITS)

HUMANITIES

Select courses from at least three areas listed below:

Art/Music (performing arts limited to 4 qtr-units)
Civilization/History Foreign Language
Literature Philosophy

RELIGION

Religion (a maximum of 8 qtr-units may be applied); for students who attended or are enrolled in an Adventist college, 4 qtr-units per year required)

2. SCIENTIFIC INQUIRY AND ANALYSIS

NATURAL SCIENCES (REQUIRED)*

College Mathematics (algebra or higher level)
General Chemistry with lab (complete sequence)
Organic Chemistry with lab (complete sequence)
Introductory or General Physics with lab (must include principles of light and electricity)
General Biology with lab (one course)

SOCIAL SCIENCES (10 QTR OR 7 SEM-UNITS)

Cultural diversity or anthropology (required)
Select remaining units from the areas listed below:
Anthropology Geography
Economics Political Science
Psychology Sociology

3. COMMUNICATION (9 QTR OR 6 SEM-UNITS)

Freshman Composition, complete sequence (required)
If additional units are necessary, select from the courses listed below:
Computers Critical Thinking
Public Speaking

4. HEALTH AND WELLNESS (2-6 QTR OR 2-4 SEM-UNITS)

Physical Activity (two courses)
Health Education (personal health or nutrition)

PLEASE NOTE: "C minus" grades or below are not transferable for credit

ADMISSION REQUIREMENTS

Admission is based on the following criteria.

- Recommended science GPA of 3.25 (2.75 required)
- Prerequisites with a C or better (C- grades are not acceptable for transfer credit)
- Official Transcripts from all college credits (High School transcripts are required for those without at least an Associate's degree)
- Application with personal essay
- Letters of Recommendation (3), preferably 2 from science instructors

Application deadlines: Opens January 1 and closes April 1.

FINANCIAL AID

Financial aid is available for eligible students. You may begin your financial aid process in October, the year prior to when you plan to attend, even before formal acceptance into the Program. Applications for Cal Grants (California residents only) must be postmarked no later than March 2. For more information on financial aid, visit www.llu.edu/ssweb/finaid or call (909) 558-4509.

HOUSING

Housing is available on campus in a limited capacity.

For information on the women's dormitory, Lindsay Hall, call (909) 558-4561.

For information on the men's dormitory, Daniells Hall, call (909) 558-4592.

The Office of Student Affairs maintains information on local housing. Current availabilities and Loma Linda University's housing policy can be found at www.llu.edu/llu/housing.

CONTACT US (909) 558-4966
studycls@llu.edu

updated 06/27/18



**LOMA LINDA
UNIVERSITY**

LLU at a Glance

>> Founded in 1905 >> A Seventh-day Adventist institution integrating health, science, and Christian faith >> Offers over 200 programs in the health sciences >> Houses eight schools: Allied Health Professions, Behavioral Health, Dentistry, Medicine, Nursing, Pharmacy, Public Health, and Religion >> About 4,000 students >> Over 1,300 faculty >> 2,000 professional researchers >> \$46 million dollars in private and public grants generated each year >> Many service learning opportunities

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