



### 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
- 11% job growth through the year 2030 (faster than average)

#### CAREER OPTIONS

Clinical Laboratory Scientists are employed in medical laboratories and excellent opportunities in biomedical companies, research, public health, pharmaceutical industry, forensics, and others are available.

Completing the CLS program is excellent preparation for medical or dental school, as well as, Pharmacy, Physician Assistant, or Pathologist Assistant programs.

#### SALARIES

The average salary for Clinical Laboratory Scientists with less than one year of experience is upwards of \$80,000/year.

#### 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 approximately 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.

The Junior year is 10 months of lecture and student laboratory. Emphasis is on clinical science courses, including theory and clinical correlations.

The 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**

Or look at our [Program Website Page](#)  
Schedule a personal consultation through this [link](#)  
Email: [studycls@llu.edu](mailto:studycls@llu.edu)

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## PREREQUISITES

The minimum subject requirements are:

### ARTS & HUMANITIES (min 16 qtr./ 11 sem. units)

Select courses from at least three of the content areas\* listed below:

Art/Music	Religion
Civilization/History	Foreign Language
Literature	Philosophy
General Humanities	

*\*A minimum of 3 qtr./ 2 sem. units in an area are required to meet a content area*

### SCIENTIFIC & QUANTITATIVE REASONING

Each course or sequence below:

College Algebra or Calculus (one course)  
General Biology (one course with lab)  
General Chemistry (complete sequence with labs)  
Organic Chemistry with lab (complete sequence with labs)  
Physics with labs (must include principles of light and electricity)

### SOCIAL SCIENCES (min 12 qtr./ 8 sem. units)

Select units from two content areas\* listed below:

Anthropology	Geography
Economics	Political Science
Psychology	Sociology

*\*One course (or components integrated into several courses) dealing specifically with issues of human diversity is required.*

### WRITTEN & ORAL COMMUNICATION (min 9 qtr./ 6 sem. units)

Freshman Composition, complete sequence must meet the baccalaureate degree requirements of a four-year college or university

If additional units are necessary, select from the courses listed below:

Critical Thinking	Information Systems
Public Speaking	

### HEALTH AND WELLNESS (min 2 qtr./ 1.5 sem. units)

Two separate physical activity courses totaling a minimum of one quarter unit, or military discharge papers (DD-214).

A didactic course in health or nutrition (e.g., personal health, personal nutrition, population health, global health, community nutrition) is required.

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

## ADMISSION REQUIREMENTS

Admission is based on the following criteria:

- A minimum prerequisite science GPA of 2.75 is required
- Official transcripts for all college credits including AP courses (High School transcripts are required for those without at least an Associate's degree)
- Application with personal essay. Please discuss:
  - Your extracurricular activities during college (i.e., sports, clubs, etc.)
  - Work experience related to the CLS profession (if any)
  - Grades below C earned in any science course (if any)
- Three letters of recommendation from college instructors

### Application deadlines:

The Clinical Laboratory Science program accepts applications between March 1st and May 15th for the class beginning in August of the same year. Transcripts, letters of recommendation and test scores (such as, English Proficiency, if required) must be submitted by May 29. Early submission is encouraged.

### COST OF ATTENDANCE

Please review LLU's Find a Program website [page](#) for the most up-to-date information on the cost of attendance or scan the QR code below.



### FINANCIAL AID

Financial aid is available for eligible students. For more information on financial aid, visit [www.llu.edu/ssweb/finaid](http://www.llu.edu/ssweb/finaid) or call (909) 558-4509.

### HOUSING

Housing is available on campus in a limited capacity.

For information on residence halls, visit: <https://home.llu.edu/campus-and-spiritual-life/housing-dining/residence-halls>

For information on off-campus housing, visit: <https://home.llu.edu/campus-and-spiritual-life/housing-dining/off-campus-housing>

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Updated 08/09/2024



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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