

**UNIVERSITY OF NEVADA, LAS VEGAS
SCHOOL OF ALLIED HEALTH SCIENCES
CLINICAL LABORATORY SCIENCES PROGRAM APPLICATION**

ADMISSIONS PROCESS

The upper division CLS Program, certificates and minors are accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). **The application deadline for Fall admission is May 1st**. All application materials (see list below) must be submitted by the application deadline to be considered for acceptance into the CLS Program. Students will be notified by June 1st of acceptance. Applications received after the deadline will be reviewed on a case-by-case basis if space is available. Spring admissions are sometimes possible dependent on previous course work. Please consult a CLS Program advisor for specific information. **The application deadline for Spring admission is November 1st with notification by December 1st**.

Please check the CLS Program web site for additional updates.

In order to be considered for admission into the CLS Program, an applicant must submit the following application materials:

1. Official transcripts from ALL colleges and universities attended (except UNLV) showing completion of appropriate University and Science Foundation prerequisites with a minimum cumulative GPA of 2.50 or better
2. Two letters of recommendation – one must be from a science/laboratory faculty (form included)
3. The following forms (included in this packet)
 - a. CLS Program Admissions Application form - signed
 - b. Personal Statement -signed
 - c. Health Assessment form – signed by licensed health care provider
 - d. Essential Functions form -signed

Admission to UNLV or the pre-professional major (CLS-Pre) does not guarantee placement in CLS professional courses or into CLS major. Students may find additional information in the UNLV catalog or in the Student Manual in the CLS Program office (BHS 319) or contact the Program secretary at 895-3788.

ACADEMIC REQUIREMENTS FOR ADMISSION

Requirements for admission into the upper-division as a CLS major are completion of the following with a minimum cumulative GPA of 2.50:

- (a) UNLV core requirements or equivalent in transfer courses
 - (b) all appropriate science foundation courses with the exception of Biochemistry (CHEM 474)
 - (c) all courses with a minimum grade of "C"
 - (d) Math and Science course minimum GPA of 2.5
 - (e) Prerequisite requirements for individual category CLS Certificates/Minors can be found on the CLS program web site or UNLV catalog
1. Transfer students from an accredited institution may be granted credits toward equivalent prerequisites and CLS coursework. Coursework will be judged by curriculum content not credit equivalency. The instructor of record in consultation with the Program Director will evaluate course content and transfer credit. The student must complete 30 hours of residency credits to receive a degree from UNLV and a minimum of 62 credits from a four-year institution for graduation.
 2. Students who already have a baccalaureate degree from an accredited institution may first apply for admission to UNLV as a “Second B.S.” degree candidate or apply for the “CLS Program certificate”. Following acceptance into UNLV, they then apply for admission into the CLS Program. UNLV General Education Core and Science Foundation prerequisites still apply.

3. Graduates from a NAACLS accredited two-year Clinical Laboratory Technician (CLT)/Medical Laboratory Technician (MLT) program may transfer credits toward the CLS major provided the following criteria have been met with a minimum GPA of 2.50:
 - a. an earned associate degree within the last 5 years preferred
 - b. minimum grade of "C" in all classes
 - c. a passing score on the national certification examination given by either the American Society of Clinical Pathologists (ASCP), National Certification Agency for Medical Laboratory Personnel (NCA).
 - d. Students who meet these criteria may obtain full or partial credit for CLS level-one lecture and laboratory coursework provided the student has earned a minimum grade of "C" in the complimentary associate degree course.

Provisional Student Status

All Science prerequisite courses must be completed prior to admission. Students who do not meet minimum academic requirements or who lack no more than 9 prerequisite non-science credits may be admitted as a "provisional" student for one semester.

- As a "provisional" student, no more than 10 credits of CLS didactic coursework may be taken during the semester.
- During "provisional" student status, the student must achieve and maintain a GPA of 2.50 for eventual admission into the CLS major.
- All deficient requirements must be completed by the end of the provisional semester

NON-ACADEMIC REQUIREMENTS

Mandatory Immunization Requirements

Nevada state law requires that all newly admitted undergraduate or transfer students submit proof of immunization before they may register for classes. All students, regardless of age, must provide documentation of immunization within the last 10 years for Tetanus-Diphtheria. Students born in or after 1957 must provide documentation of immunity for two (2) doses of live measles (Rubeola), one Mumps, and one Rubella vaccination. If documentation is unavailable, immunizations must be repeated prior to registering for classes. (Refer to Undergraduate Catalog)

At the time of admission to the CLS major, students must complete a form validating the required immunizations. Additionally, documentation of a current tuberculin skin test and Hepatitis B vaccine are required. If the student has not initiated or completed the Hepatitis B vaccine, they are required to do so and provide documentation of each subsequent immunization. The immunization records are part of the student file. Since appropriate and up-to-date immunizations are required by all affiliate training laboratories, failure to document immunization requirements may prevent enrollment in CLS Clinical Practicum Courses and completion of graduation requirements.

Student Health Status and Medical Insurance Coverage

Every effort is made to prevent exposure of students, staff and faculty to biohazards by limiting the use of patient specimens whenever possible. However, the nature of clinical laboratory sciences requires that potentially hazardous human samples and microorganisms are used for teaching purposes during the student laboratory sessions and especially during clinical practicum experience. For this reason, we encourage students to inform the Program Director of any health conditions that may affect their performance in CLS courses and/or place them, faculty or their fellow students in a category for additional health risks. This information will be treated confidentially.

Examples include, but are not limited to: pregnancy, autoimmune disorders, positive serology for hepatitis, immunosuppressive or deficiency disorders, diabetes, etc. The Program Director will provide information necessary to the course instructor with advice for modification or accommodation of that student's participation in various course activities as necessary.

Students are required to carry a personal health insurance policy at the time of admission into the CLS major, certificate or minor programs. Documentation of current student health coverage is validated each semester. Students may purchase reasonably priced health insurance via the Student Health Insurance Plan. The insurance is available to students taking seven or more credits. With additional premiums, the student may purchase insurance for spouse and/or children. All international students at UNLV are required to purchase the insurance. The insurance must be purchased during each registration period.

Health Assessment and Essential Functions

Students are required to complete a “Health Assessment” and “Essential Functions” forms as part of the application for admission into the CLS Program degree, certificates and minors. These forms insure that the student has been duly informed of and fully understands the health (medical, physical, & psychological) requirements to be admitted to the CLS degree, certificates and minors as well as those required for most entry level positions in CLS. The nature of most medical professions is such that many “reasonable accommodations” according to the ADA are not *reasonable or realistic* for this technically critical healthcare career and therefore cannot be made. **Please be sure that in reviewing the Essential Functions and the Health Assessment forms, that you fully understand the requirements and that you are able to meet them.** If you have any questions, please contact the CLS Program office for an advising appointment. There are many degree and career options available.

Drug Screen Testing

As with all medical professionals, non-prescription use of controlled substances is not allowed. In most cases, even prescription use of controlled substances is highly restricted primarily due safety factors. It is therefore the policy of the CLS Program that use of these substances (drugs of abuse) is not allowed during the academic portion or the clinical portion of the program. Students are required to undergo a mandatory drug test screen prior to beginning clinical practicum courses. A positive drug screen test (with confirmation) may be grounds for immediate and permanent dismissal/suspension from the CLS Program. Students with medical conditions requiring the use of prescriptions that may impair their ability to function in the student lab or in the clinical setting should consult the Program Director immediately for rescheduling or other accommodations.

Criminal Background Check

Recent judgments by the Joint Commission on Health Care Organizations (JCAHO) require criminal background checks to be performed for any and all personnel working in health care organizations. All students enrolled in the CLS program will have to complete a criminal background check at least one time during the course of the program. Students will be required to pay for the background check which will then be assessed by any clinical site that requests it. UNLV will not be involved in the assessment of the background check; however, if a student is unable to secure an affiliation in a specific setting due to their background check, the student may not be able to complete the requirements of the CLS program degree, minor and/or certificate. If you need further information, please make an appointment with a CLS advisor.

Computer Requirements

A large portion of work in the CLS Program curriculum involves the use of computers. It is also a requirement in the workplace to be competent in the use of computers. Students will be required to have access to WebCampus educational programming provided through the university as well as develop lesson and course presentations utilizing MicroSoft Word, Power Point and Excel programming. Cable modem or DSL high speed linkage and hardware are required; dial-up access is not acceptable for most course applications. Students can also access course materials through a variety of computer laboratories around campus. If you need further information, please make an appointment with a CLS advisor.

SELECTION PROCESS

Student applications will be reviewed beginning at the application deadline. Student applications will not be processed until all application materials have been submitted. Applications will be ranked based on

overall GPA, Science GPA, letters of recommendation, Student's Statement of Professional Goals, and if necessary ratings during an interview process. The admission's committee will do final applicant assessment during the early summer. Letters of acceptance should be sent out by June 1st for fall semester admission and December 1st for spring admission.

PROGRESSION AND GPA REQUIREMENTS

All students are required to maintain acceptable academic performance as required by the School of Allied Health Sciences and the CLS Program. Failure to achieve and maintain acceptable academic performance may result in Program/Division probation or suspension.

Progression in the CLS Major

In order to be considered in "Good Standing" within the CLS Program the student must:

1. Maintain a cumulative GPA of 2.30 for each semester enrolled and have no negative grade points (grades less than "C")
2. Achieve a minimum of a "C" (2.00) in each of the required CLS courses.

A student will be placed on CLS Program Probation if any of the following occur:

1. they receive a grade of less than "C" in two or more required CLS courses
2. their semester GPA falls below 2.00
3. their cumulative GPA falls below 2.30
4. they withdraw from more than five credits of required CLS courses

Non-Academic Reasons for Suspension from CLS Courses

A student may be placed on probation or suspended from a CLS course or from the entire CLS Program for violation of University, School or Program Policies related to behavior. These may include but are not limited to violations associated with dress code, attendance, professional behavior, safety policies, academic dishonesty and conduct, etc. Students may be suspended from a clinical practicum course for violation of any clinical affiliate policy. Please consult the University Catalog, CLS Student Manual and the Clinical Practicum Manual for details.

GRADUATION REQUIREMENTS

Competency-Based Clinical Education

The Clinical Laboratory Science Program is founded on a competency-based educational philosophy. Students must acquire and demonstrate competencies, abilities, and skills to become competent entry-level clinical laboratory scientists. The didactic (lecture) and psychomotor (laboratory) as well as affective (behavioral) domain objectives serve to distinguish between required competencies versus proficiencies.

Unlike most courses the student has encountered in their previous undergraduate education, the competencies learned in each CLS course must be retained from one course to the next. The student is expected to build on the foundation of prerequisite courses. For example, courses in Hematology or Microbiology may require that students apply concepts learned in Immunology and Biochemistry.

Degree (B.S.) in Clinical Laboratory Science

To graduate with a baccalaureate degree in Clinical Laboratory Sciences the following requirements must be successfully completed:

- *UNLV General Education Core
- *Science Foundation Courses
- *CLS Didactic Courses
- *CLS Clinical Practicum Courses

A minimum of 124 credits with a GPA of 2.30 is required for graduation from the Clinical Laboratory Science Program degree. At least half of those credits must be obtained from a four-year institution and the last 30 credits must be obtained in residence at UNLV.

Certificates/Minors in Clinical Laboratory Science

To graduate with a certificate/minor in Clinical Laboratory Sciences the following requirements must be successfully completed:

- *Science Prerequisite/Foundation Courses
- *CLS Didactic Courses
- *CLS Clinical Practicum Course

The credit requirements vary for each type of CLS certificate. Consult the UNLV catalog or the CLS web site for specific details.

National Certification Examinations for Clinical Laboratory Sciences

Students successfully completing the CLS Program or certificates in CLS at UNLV are eligible to take national certification examinations and then are eligible to obtain licensure to practice as a Clinical Laboratory Scientist. Obtaining the B.S. degree in CLS or certificate in a CLS discipline is not contingent on passing any national board or state licensing exam.

Nevada State Licensure

Successful completion of a CLS Program degree, minor or certificate along with passing the appropriate national board exam provides the student with eligibility for licensure in Nevada and most other states in their field. Licensure is not required for graduation.

**UNIVERSITY OF NEVADA, LAS VEGAS
SCHOOL OF ALLIED HEALTH SCIENCES
CLINICAL LABORATORY SCIENCES PROGRAM
APPLICATION FORM**

Please complete the following admissions application for the Clinical Laboratory Sciences Program. Your date of birth, address and social security number are requested for purposes of keeping accurate records and notification in the event of an emergency. Please immediately supply any change of address, phone number, or insurance information to the Program office.

DEMOGRAPHIC INFORMATION

NAME: _____
Last (Maiden) First MI

SSN: _____ DATE OF BIRTH: _____

MAILING ADDRESS: _____

PHONE NUMBER: _____
Street (apt #) City State Zip
 ALTERNATE PHONE: _____

U.S. CITIZEN: _____ Yes _____ No EMAIL ADDRESS: _____

If citizen of foreign country, type of Visa or Permit: _____

ETHNIC ORIGIN (Optional - check one)

- Caucasian African-American
 Latino Native American/Alaskan
 Asian/Pacific Islander Other

EMERGENCY CONTACT

Contact: _____

Address: _____
Last First Phone
Street (apt #) City State Zip

Relationship to Student/Applicant: _____

UNLV STATUS (Please check one)

Currently enrolled in UNLV Accepted to UNLV but not yet enrolled

Current Major: _____ Application to UNLV in process

Date of application: _____

APPLYING FOR (check all that apply)

B.S. in CLS			2nd B.S. in CLS	1 st degree area?	
Minor in CLS Category	Current Major?		CLS Post-Baccalaureate Certificate	1 st degree area?	
	Clinical Chemistry			Clinical Chemistry	
	Hematology			Hematology	
	Immunohematology			Immunohematology	
Specimen Collection/Phlebotomy Certificate					

MEDICAL INSURANCE COVERAGE:

Insurance Company _____

Address: _____

Policy Holder's Name: _____ Relationship to Student: _____

Policy ID Number: _____ Group Number: _____ Expiration Date: _____

Please attach a copy (**both sides**) of the current insurance card to this form**EDUCATIONAL EXPERIENCE** (Please list **ALL** colleges/universities with most recent school first)

School	Date of Graduation	Major/Degree	Credits Earned
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Official Transcripts must be sent directly to the CLS Program for ALL non-UNLV course work

Acceptance of Policies:

I understand that admission to the upper-division of the CLS major is competitive and that completion of the minimum requirements does not guarantee acceptance into the CLS major or placement in CLS Program professional courses.

I understand that I must submit all of the required forms and letters to be considered for admission into the program and that failure to complete the submission requirements may prevent my application from being reviewed.

I understand that if I am admitted into the CLS Program, I must meet the minimum requirements for Progression in the CLS baccalaureate degree program and UNLV. Progression in the Clinical Laboratory Sciences baccalaureate degree program requires the student to:

1. maintain a cumulative grade point average (GPA) of 2.30 or higher each semester and have no grades less than "C".
2. repeat any CLS courses with a grade of less than "C" (C-or below).
3. not be allowed to enroll in any clinical practicum course unless all deficient courses have been successfully completed, with a grade of "C" or better.
4. make an appointment with the advisor during the each semester (as early as possible) to schedule course sequence and graduation requirements.

Failure to maintain an acceptable academic performance or to adhere to the non-academic requirements may result in removal or suspension of the student from the CLS program or a clinical practicum course.

I have read, understand, and agree to abide by these policies.

Student Signature_____
Date

APPLICANT'S STATEMENT OF PROFESSIONAL INTERESTS & GOALS

In the space provided below, please provide a statement of your reasons for selecting Clinical Laboratory Science as a career and your goals after graduation. Please type.

Student Signature

Date

**UNIVERSITY OF NEVADA, LAS VEGAS
SCHOOL OF ALLIED HEALTH SCIENCES
CLINICAL LABORATORY SCIENCES PROGRAM
ESSENTIAL FUNCTIONS**

In order to participate in a clinical laboratory science educational program and achieve career entry competency, students must be able to perform the duties of the career/job based on specifications and requirements for licensure and job performance duties.

Medical professional careers such as Clinical Laboratory Sciences in which patient care is directly affected require skills which have time and setting restrictions – many ADA accommodations typically may not apply.

Students should therefore have the ability to perform the following essential functions:

Cognitive Learning Skills

The student must demonstrate the ability to:

- Receive, interpret, remember, reproduce and use information in the cognitive, psychomotor, and affective domains of learning to solve problems and evaluate work
- Process and categorize information set forth in course objectives
- Receive, interpret, remember, reproduce and use information in order to achieve satisfactory performance in all courses
- Integrate and relate data generated in several clinical laboratory settings
- Work from written and/or verbal instructions/directions in a timely manner without repetition

Psychomotor Skills

The student must demonstrate the following skills:

- Locomotion ability to:
 - Arrive to course locations and move within rooms and laboratories
 - Arrive to applicable clinical locations and maneuver in the facility to accomplish assigned tasks
 - Monitor and maintain equipment and to perform phlebotomy on patients confined to hospital beds
- Possess strength adequate to perform the above functions, without compromising patient or employee safety
- Small motor/hand skills: Perform procedures requiring fine motor control and manual dexterity
- Visual acuity: Discriminate fine detail, including color differentiation, using a microscope or on computer monitor displays
- Process written and/or verbal directions and instruction to accomplish manipulative tasks in CLS courses and obtain accurate results
- Demonstrate appropriate time and skills management; the ability to perform multiple tasks at the same time with accurate results; to finish lab procedures within the time prescribed by the instructor

Self-Care

The student must be able to:

- Maintain general good health and self-care in order to not jeopardize the health and safety of self and individuals with whom one interacts in the academic and applicable clinical settings
- Arrange transportation and living accommodations to foster timely reporting to the classroom and clinical assignments

Communication

The student must be able to:

- Receive and interpret written and/or verbal communication in both academic and clinical settings.
- Communicate quickly, effectively and efficiently in oral and written English with all members in academic and applicable clinical settings
- Effectively communicate information and safety concerns with other students, teachers, staff, applicable clinical personnel and patients

Affective Learning Skills

The student must be able to:

- Demonstrate respect to all people, including students, teachers, patients and medical personnel, without showing bias or preference on the grounds of age, race, gender, sexual preference, disease, mental status, lifestyle, opinions or personal values
- Demonstrate appropriate affective behaviors and mental attitudes in order not to jeopardize the emotional, physical, mental, and behavioral safety of clients and other individuals with whom one interacts in the academic and applicable clinical settings
- Sustain the mental and emotional rigors of a demanding educational program in Clinical Laboratory Science, which includes didactic, laboratory and clinical settings that occur within set time constraints, and often concurrently
- Demonstrate professional skills such as the ability to work independently and manage time efficiently to meet the goals of the assignment
- Acknowledge and respect individual values and opinions in order to foster harmonious working relationships with colleagues, peers, and patients
- Demonstrate understanding of the UNLV policy on Academic Misconduct to avoid situations of plagiarism, cheating, appropriate use of computer programs/media, etc.

I have read and understand the above essential functions required to succeed in the CLS Program at UNLV and for a career in CLS. I have discussed any questions or concerns with a Program official. I meet the requirements as listed. I understand that inability to meet any of these requirements in practice may result in dismissal from the CLS Program.

Student Signature

Date

Student Printed Name

**UNIVERSITY OF NEVADA, LAS VEGAS
SCHOOL OF ALLIED HEALTH SCIENCES
CLINICAL LABORATORY SCIENCES PROGRAM
HEALTH ASSESSMENT REPORT**

The information in this report will be kept confidential. It may be necessary to provide health care agencies with general information, when needed, to individualize your program.

Complete the following information:

SS # ____ - ____ - ____

Student's Name/Last First Middle Maiden Month/Day/Year of Birth

Local Address/Street City State/Zip Telephone

Person to Notify in Emergency/Name Address Telephone

SECTION I. HEALTH HISTORY (Student is to complete this section)

1. Your general health level is considered to be: (circle one)

Excellent Good Fair Poor

2. Have you had or do you now have any of the following:

	Yes	No	If yes, give details
Allergies			
Asthma			
Convulsions			
Diabetes			
Heart Disease			
Hepatitis			
High Blood Pressure			
Kidney Disease			
Received Treatment for Mental Health Problems			
Received Treatment for Substance Abuse Problems			
Rubella (German Measles)			

3. **Corrective appliances.** Please fill in the appropriate spaces.

Appliances	Yes	No	If yes, specify
Glasses/Contacts			
Hearing Aid			
Braces on Extremities			
Prosthesis			

4. I verify the above information is accurate and complete regarding my health history.

Student Signature

Date

SECTION II. IMMUNE STATUS (to be completed by Licensed Health Practitioner)

Immunity to common childhood diseases is crucial for your safety and the safety of those for whom you care. An initial immunization status determination is essential for all students entering the Clinical Laboratory Science Program.

1. Immunization History

Disease	Date Contracted	Initial (Date) Immunization	Booster (Date)
Tetanus/Diphtheria (within 10 years)			
MMR #1			
MMR #2			
Additional Immunizations			

You must provide documentation of 2 MMR immunizations if you were born after 1957. If you cannot provide documentation, you must have rubeola and rubella titers drawn. Pregnant students should **NOT** be immunized. If the immunization is given the student should not become pregnant for at least three months. A reproductive history and examination is essential prior to immunizing susceptible students.

2. Rubeola Titer _____ If negative, immunization date _____
Titer Date
3. Rubella Titer _____ If negative, immunization date _____
Titer Date
4. Hepatitis B vaccine is required. (or attach a signed declination)
Dates of Immunizations _____

SECTION III. HEALTH EXAMINATION (to be completed by Licensed Health Practitioner)

1. Date of Examination _____
 Height _____ Weight _____ Blood Pressure _____
 Pulse _____ Respirations _____

2. Review of systems. (may attach copy of agency health form)

ENT

Chest

Abdomen

Back and Spine

Extremities

Are there any health restrictions or health problems for this student that may need to be considered in planning his/her program? If yes, please describe.

3. **Laboratory Results** - The following tests are required of all students. **These tests are not optional.**

Test	Date Given	Within Normal Limits		If abnormal, indicate treatment & required follow-up date
		Yes	No**	
CBC (w/diff)			**	
Urinalysis			**	

**If this section is checked, is the student may be prohibited from attending clinical and interacting with patients

_____ If so, indicate treatment and required follow-up date in the section above.

4. Tuberculosis Screen: Two-Step Mantoux

OR Chest x-ray

Step One: date _____ result _____

date _____ result _____

Step Two: date _____ result _____

Has this student received BCG vaccine? Yes _____

No _____

5. Summary of Health Status:

Health Practitioner (please print or stamp)

Address/Street/City/State/Zip

Telephone

Signature _____

Date _____

**UNIVERSITY OF NEVADA, LAS VEGAS
SCHOOL OF ALLIED HEALTH SCIENCES
CLINICAL LABORATORY SCIENCES PROGRAM
LETTER OF RECOMMENDATION**

Student Name: _____ SSN: _____

You have been selected by the above student to write a letter of recommendation for their application into the Clinical Laboratory Sciences Program at UNLV. Although there is no required format, it would be helpful if you could address the issues below within your letter.

- Overall Intellectual ability
- Accuracy and dependability of work (laboratory)
- Motivation (seriousness, interest)
- Communication (oral and written)
- Personal characteristics (maturity, interpersonal relations, empathy, stress tolerance)

Please fill-in the following information:

Name: _____

Title/Credentials: _____

Mailing Address: _____

How do you know the above student?

Please complete your portion of this form above, enclose with your letter and mail directly to:

CLS Admissions
Mail Box 453021
University of Nevada, Las Vegas
4505 Maryland Parkway
Las Vegas, NV 89154-3021

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CLS Admissions
Mail Box 453021
University of Nevada, Las Vegas
4505 Maryland Parkway
Las Vegas, NV 89154-3021