

**Medical Laboratory Scientist
Bachelor of Applied Science (120 Credits)
For Students Seeking Admission to the Spring 2025 Program**

The Limited Entry Office will be responsible for managing the application process and the selection of students is done by a selection committee. Qualified applicants must:

- Attend a Health Programs Orientation, meet with a Health Programs Advisor, and complete a Limited Entry Application Workshop (all within 2 years of the application deadline) (<https://www.csn.edu/health-programs-advising>)
- Have a High School Diploma, GED or equivalent, or Advanced Degree (Associate Degree or higher). NOTE: International (non-US) diploma or transcript must be in English showing a graduation date and/or completion. If in a language other than English, the diploma or transcript must be evaluated through a NACES member organization (<https://www.naces.org/members>).
- A minimum cumulative GPA of 2.5 for program prerequisites.

Applicants will be ranked and selected using a point system through which points will be awarded. Please see attached Selection Criteria sheet.

PROGRAM PREREQUISITE COURSES: These are courses that must be completed before a student is considered eligible for entry into the Program.

FOR SELECTION PURPOSES, PREREQUISITE COURSES FOR LIMITED ENTRY PROGRAMS MAY BE ATTEMPTED **THREE TIMES**. ALL ATTEMPTS INCLUDE WITHDRAWALS, AUDITS AND GRADES. THE HIGHEST GRADE WILL BE USED FOR THE GPA CALCULATION.

Course	Title	Cr	Gen Ed Req.	Tech Prep	Min. Grade
BIOL 190 or 223	Intro to Cell and Molecular Biol or Anatomy & Physiology I	4	Science	No	C
CHEM 121	Gen Chem I	4	Science	No	C
ENG 100, 101, 110 or 113	Composition I	3-5	English	No	C
MATH 126 or higher		3	Math	No	C
ECON 261, PSY 210, SOC 210, or STAT 152		3-4		No	C

Total 17-20 Cr

ADDITIONAL GENERAL EDUCATION REQUIREMENTS:

Communication: ENG 102 or 114 OR COM 101	3 Cr
Science: CHEM 122	4 Cr
U.S. & Nevada Constitution (see CSN catalog for options)	4 Cr
Human Relations (see CSN catalog for options)	3 Cr
Fine Arts/Humanities/Social Sciences (PHIL 102 preferred)	3 Cr
Science: BIOL 191/224	4 Cr
Total	21Cr

IMPORTANT POINTS TO REMEMBER:

- Selection Occurs: Twice a year
- Program Begins: Spring 2025
- Application Deadline: **Nov. 1, 2024**
- **Proof of completion of all program prerequisites must be in the Limited Entry Office by this date.**
- Maximum number of students admitted: **8**
- Students must be computer literate to succeed in the Program.
- BIOL and CHEM must have at least one in-person lab per discipline. Exception: Online courses completed at NSHE institutions between Spring 2020 and Summer 2021 will be accepted.
- Science courses require a minimum grade of "C".
- Science courses must be no more than 7 years old at the time of entry into the program.
- Limited Entry Application Fee: \$20 per application

UNRESTRICTED COURSES REQUIRED FOR GRADUATION:

(Can be taken prior to acceptance or in program):

BIOL 325	3 Cr
CHEM 220	4 Cr
CLS 151	2 Cr
CLS 152	2 Cr

RESTRICTED COURSES REQUIRED FOR GRADUATION:

(Students can enroll once accepted into program)

ENG 333	3 Cr
PHIL 302	3 Cr
PHIL 311	3 Cr

Program Courses: These are specialized courses within a health-discipline. They are restricted to students who have been accepted into the Program.

These courses are subject to revision, and will not impact program admission

1 st Semester (Spring)	2 nd Semester (Fall)	3 rd Semester (Spring)	4 th Semester (Fall)	5 th Semester (Spring)
CLS 161....1 cr Urinalysis & Body Fluids	CLS 2413 cr Clinical Chemistry I	CLS 2512 cr Immunology/ Immunohematology I	CLS 448.... 2 cr Hematology II Lecture	CLS 491....4 cr Clinical Rotation Chem
CLS 162....1 cr Applied Urinalysis & Body Fluids	CLS 242....2 cr Applied Clinical Chemistry I	CLS 252....2 cr Applied Immunology/ Immunohematology I	CLS 449....1 cr Applied Hematology II	CLS 493....4 cr Clinical Rotation BB
CLS 265.... 1 cr Laboratory Operations I	CLS 2912 cr Hematology I	CLS 3612 cr Urinalysis and Body Fluids II Lecture	CLS 456....2 cr Immunology/ Immunohematology II Lecture	CLS 495....4 cr Clinical Rotation Micro
CLS 271....3 cr Clinical Microbiology I	CLS 292....2 cr Applied Hematology I	CLS 446....2 cr Clinical Chemistry II Lecture	CLS 457....1 cr Applied Immunology/ Immunohematology II	CLS 497....4 cr Clinical Rotation Hem
CLS 272....2 cr Applied Clinical Microbiology I	CLS 365.... 1.5 cr Laboratory Operations II	CLS 447...1 cr Applied Clinical Chemistry II	CLS 476....2 cr Clinical Microbiology II Lecture	
CLS 478....2 cr Research Methods		CLS 486....1.5 cr CLS Clinical Chemistry Review	CLS 477...1 cr Applied Clinical Microbiology II	
		CLS 490....1.5 cr CLS General Laboratory and Urinalysis Review	CLS 487....1.5 cr CLS Hematology Review	
			CLS 488....1.5 cr CLS Immunology- Immunohematology Review	
			CLS 489....1.5 CLS Clinical Microbiology Review	
Total Sem....10 cr	Total Sem....10.5 cr	Total Sem....12 cr	Total Sem....13.5 cr	Total Sem....16 cr
				Total Program Course Credits 62