

Medical Laboratory Scientist
Bachelor of Applied Science (120 Credits)
For Students Seeking Admission to the Spring 2021 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)
- Have a High School Diploma, GED, or Advanced Degree (Associate Degree or higher)
- 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 196 or 223 | Prin. of Modern Biol I or Anatomy & Physiology I | 4 | Science | No | C |
| CHEM 121 | Gen Chem I | 4 | Science | No | C |
| ENG 100, 101 or 113 | Composition I | 3-5 | English | No | C |
| MATH 124 or higher | | 3 | Math | No | C |
| ECON 261, PSY 210, SOC 210, or STAT 152 | | <u>3-4</u> | | 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 197/224 | 4Cr |
| Total | 21Cr |

IMPORTANT POINTS TO REMEMBER:

- Selection Occurs: Once a year
- Program Begins: Spring 2021
- Application Deadline: **November 1, 2020**
- **Proof of completion of all program prerequisites must be in the Limited Entry Office by this date.**
- Maximum number of students admitted: **10**
- Students must be computer literate to succeed in the Program.

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 |
| ENG 333 | 3 Cr |
| PHIL 302** | 3 Cr |
| PHIL 311** | 3 Cr |

**Students can enroll once accepted into program

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 241....3 cr Clinical Chemistry I | CLS 251....2 cr Immunology/ Immunochemistry 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/ Immunochemistry I | CLS 449....1 cr Applied Hematology II | CLS 493....4 cr Clinical Rotation BB |
| CLS 265....1 cr Laboratory Operations I | CLS 291....2 cr Hematology I | CLS 361....2 cr Urinalysis and Body Fluids II Lecture | CLS 456....2 cr Immunology/ Immunochemistry 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/ Immunochemistry 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- Immunochemistry 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 |