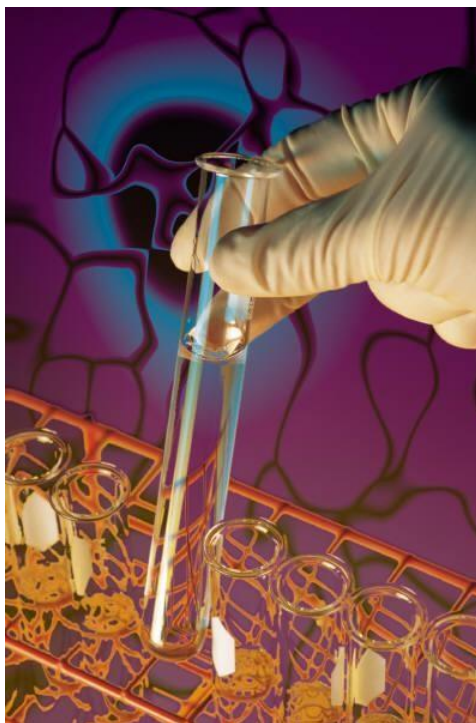


College of DuPage Clinical Laboratory Science Transfer Program



Clinical Laboratory Science Advising Session PowerPoint

Clinical Lab Science advising session information can be found on this [PowerPoint presentation](#) and you can request an individual session with the program chair. Students should review the advising session PowerPoint before beginning any course work. Students are encouraged to meet with the Counseling & Advising office at (630) 942-2259 and request an appointment with a General Counselor for educational & transfer planning. Students should continue working with an advisor on a regular basis to review academic course work and plan for transfer.

For more information, contact:

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Glen Ellyn, IL 60137
HSC 2207P
(630) 942-4331
stonea127@cod.edu (best option)

Overview

The Clinical Laboratory Scientist (CLS) or Medical Laboratory Scientist (MLS) performs a variety of laboratory tests that help physicians evaluate, diagnose the presence of disease, and monitor medical treatment. Many of the complex laboratory test results help uncover diseases such as AIDS, diabetes, leukemia and many others.

The CLS/MLS is responsible for verifying accuracy of test results on specimens that include blood and other body fluids. A CLS/MLS operates highly complex biomedical instrumentation that interface with computers to produce accurate, reliable test results.

A CLS/MLS is a problem-solver who works well under pressure. Individuals in this profession must possess good communication skills, as they interact with physicians, nurses, and other health professions as they work as a team to offer exceptional patient care.

Career Opportunities:

A CLS/MLS has various professional opportunities including; hospitals labs, independent labs, research labs, outpatient clinics, public health facilities, forensic medicine and pharmaceutical sales. Additional opportunities available in molecular diagnostics and molecular biotechnology.

A career in CLS/MLS is listed as one of the top jobs available. According to Career Coach, Clinical Laboratory Technologists are earning around \$52,839 per year. Highly experienced workers can earn up to \$82,148. Hiring qualified staff to replace retired workers will prove tough with fewer people becoming trained. Job prospects will be best for medical and clinical laboratory technologists and technicians who complete an accredited education program and earn professional certification. For more information about the job outlook for clinical lab science click on the following website:

<https://www.bls.gov/ooh/healthcare/clinical-laboratory-technologists-and-technicians.htm>

College of DuPage CLS Transfer Program

College of DuPage offers a transfer program in Clinical Laboratory Science/Medical Laboratory Science. Students complete an Associate in Science (AS) at College of DuPage and transfer into a Clinical Laboratory Science/Medical Laboratory Science program as a junior at one of the affiliated colleges. Requirements may vary among institutions; students should consult an adviser before completing an AS degree. Student must be able to complete the bachelor degree at the transfer University on a full time basis.

Mission Statement

The goal of the CLS/MLS Transfer Program is to provide students with the general education courses as well as didactic and laboratory experiences in required sciences in preparation for transfer to complete a Bachelor of Science. Upon completion of the AS degree at College of DuPage and the Bachelor of Science (BS) degree from the transfer university students are able to sit for the certifying exam through the American Society of Clinical Pathology (ASCP).

Policies and Procedures

All Nursing and Health Science Division policies and procedures are found on our [Division website](#). It is the students' responsibility to ensure they have reviewed and understand the policies and procedures. The Nursing and Health Science Division reserves the right to change, at any time, without notice, these policies and procedures.

Course Requirements

CLS is an intensive program heavily based in science and math. Students should begin by completing the Reading/Writing Placement tests to determine course selection in English and the Math Placement test to determine appropriate level of math.

General Education Requirements and Transfer Curriculum include:

| <u>Course</u> | <u>Description</u> | <u>Credit Hours</u> |
|---------------------------|---------------------------------|---------------------|
| English 1101 | Composition | 3 |
| English 1102 | Composition | 3 |
| Speech 1100 | Fundamentals of Speech | 3 |
| Humanities & Fine Arts | 2 courses | 6 |
| Soc & Behavioral Sciences | 2 courses | 6 |
| Chem 1211 | Survey of General Chemistry | 5 |
| *Chem 1212 | Organic Chemistry | 5 |
| *Chem 1551 | Principles of Chemistry | 5 |
| *Chem 1552 | Principles of Chemistry | 5 |
| A&P 1500 | Survey of A&P | 4 |
| Bio 1151 | Principles of Biology | 5 |
| *Bio 1152 | Principles of Biology | 5 |
| Micro 1420 | Microbiology | 4 |
| **Math 1428 or | College Algebra | 3 |
| **Math 1431 | Precalculus | 5 |
| Math 1635 | Finite Math/Statistics | 4 |
| *Health Science 1110 | Biomedical Terminology | 3 |
| *Health Science 1120 | Intro to CLS-(spring semesters) | 3 |

** Math requirement may vary depending on transfer institution

*Electives required to transfer to some MLS colleges

NOTE: There may be specific courses required by each university not listed above. Contact the Counseling & Advising office at (630) 942-2259 and request an appointment with a General Counselor for educational & transfer planning. Furthermore, reaching out to the specific college of transfer to confirm classes is also applicable.

CLS Sample Educational Plan

| Fall Semester | Course | Credits | Comments |
|----------------------|---------------|-----------|-----------------------------------|
| | English 1101 | 3 | Score in reading category 1 |
| | Speech 1100 | 3 | |
| | Math 0482 | 5 | Depending on Math placement score |
| | HLTHS 1110 | 3 | If no HS chemistry |
| | Humanities/FA | 3 | |
| Total Credits | | 17 | |

| Spring Semester | Course | Credits | Comments |
|----------------------|----------------|--------------|----------|
| | HLTHS 1120 | 3 | |
| | *Chem 1211 | 5 | |
| | Math 1428/1431 | 3/5 | |
| | Biology 1151 | 5 | |
| | | | |
| Total Credits | | 16/18 | |

| Summer Semester | Course | Credits | Comments |
|----------------------|--------------|----------|----------|
| | Chem 1212 | 5 | |
| | English 1102 | 3 | |
| | | | |
| Total Credits | | 8 | |

| Fall Semester | Course | Credits | Comments |
|----------------------|-----------------|-----------|----------|
| | Chem 1551 | 5 | |
| | Biology 1152 | 5 | |
| | Math 1635 | 4 | |
| | Soc./Behavioral | 3 | |
| Total Credits | | 17 | |

| Spring Semester | Course | Credits | Comments |
|----------------------|-----------------|-----------|----------|
| | Chem 1552 | 5 | |
| | Micro 1420 | 4 | |
| | **A&P 1500 | 4 | |
| | Soc./Behavioral | 3 | |
| Total Credits | | 16 | |

| Summer Semester | Course | Credits | Comments |
|----------------------|---------------|----------|----------|
| | Humanities/FA | 3 | |
| Total Credits | | 3 | |