MLS - MEDICAL LABORATORY SCIENCE

**ACADEMIC GUIDE** 







As a MLS student, you will learn diverse skills that will allow you to pursue a multitude of roles in different job sectors such as:

- Blood Banks
- Clinic Labs
- Consulting
- Education
- Forensic Labs
- Healthcare Administration
- Hospital Labs

- Infection Control
- IT/Software Develoment
- Peace Corps
- Public Health
- Research
- Sales/Marketing
- Vet Labs

# Admission Requirements

- Minimum college cumulative 2.8 GPA
- Minimum science and math 2.8 GPA
- Completion of all required prerequisite general education courses with a "C" or above

# **Curriculum Plan**

SUMMER		
14 Weeks		
Course #:	Description:	Semester Hours
MLS 310	Urinalysis and Body Fluids	2
MLS 320	Laboratory Math and Operations	1
MLS 330	Phlebotomy and Pre-analytical Variables	1
MLS 340	Cell Morphology	2
MLS 345	Clinical Immunology	2
MLS 420	Educational Development	1
	Total Semester Hours	9
FALL		
16 weeks		
Course #:	Description:	Semester Hours
MLS 410	Evidence Based Laboratory Medicine	1
MLS 415	Clinical Chemistry	7
MLS 425	Clinical Hematology and Hemostasis	7
MLS 440	Laboratory Management	1
	Total Semester Hours	16
SPRING		
16 weeks		
Course #:	Description:	Semester Hours
MLS 430	Immunohematology	7
MLS 435	Clinical Microbiology	7
MLS 450	Medical Laboratory Science Review	1
	Total Semester Hours	15

MLS Program: 40

General Education: 80

Program Total: 120

Students must earn a minimum of 120 credit hours to graduate



Trinity College maintains cooperative agreements with Black Hawk College, Eastern Iowa Community Colleges, and Portage Learning. Academic credit will generally be accepted from other regionally accredited institutions upon review. Admission representatives will unofficially review transfer credit for applicants during the pre-application process. Upon receipt of application, the Registrar will evaluate the student transcript to formally approve transfer credit.

Other recommended courses include genetics, molecular biology, organic chemistry, analytical chemistry, and cell biology.

After conditional acceptance into the MLS program, official acceptance is contingent upon successful completion of all outstanding prerequisite general education courses and the maintenance of a GPA at or above a 2.8. Prospective students may contact the program director before and after applying for any prerequisite inquiries.

### Natural Sciences and Mathematics

### (30 semester hours)

- Algebra
- Anatomy and Physiology w/lab
- Biochemistry w/ lab or Organic Chemistry w/lab
- Biology or Organic Chemistry w/lab
- General Chemistry I w/lab
- General Chemistry II w/lab
- Microbiology w/lab
- Statistics

### Social Sciences and Humanities

### (24 semester hours)

- Humanities electives (12 semester hours)
- Oral Communication
- Psychology
- Sociology
- Written Communication

### Electives

#### (26 semester hours)

- · General Electives (24 semester hours)
- Medical Terminology

### **Next Steps**

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## ONLINE APPLICATION: trinitycollegeqc.edu

To request a paper copy, please contact Student Services: (309) 779-7700

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### **APPLICATION FEE:**

(\$50.00) Pay online with application submission or by telephone: (309) 779-7700 **N3** 

### OFFICIAL HIGH SCHOOL TRANSCRIPTS OR GENERAL EDUCATION DIPLOMA (GED) EQUIVALENT:

Required from all institutions attended admissions@trinitycollegeqc.edu 0.

# OFFICIAL POST-SECONDARY TRANSCRIPTS:

Required from all institutions attended admissions@trinitycollegeqc.edu

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# TEST OF ENGLISH AS A FOREIGN LANGUAGE (TOEFL):

Required if applicant is not fluent in English ets.org/toefl.html

CONTACT

Sara Frimml | MS Admission Representative Student Services (309) 779-7700 Admissions@trinitycollegegc.edu CONTACT

Stephanie Tieso | MS, MLS(ASCP)CM Program Director Bachelor of Science in Health Sciences (309) 779-7725 Stephanie.Tieso@trinitycollegeqc.edu

MAIL

Official Documents
Trinity College of Nursing
& Health Sciences
2122 25th Ave.
Rock Island, IL 61201-5317

## Accreditation

Trinity College of Nursing & Health Sciences is accredited by the Higher Learning Commission (hlcommission.org) and is currently seeking accreditation from the National Accrediting Agency for Clinical Laboratory Sciences (naacls.org) for the Bachelor of Science in Health Sciences Medical Laboratory Science (MLS) program.

