



BACHELOR OF SCIENCES IN CLINICAL LAB SCIENCES

AT EASTERN ILLINOIS UNIVERSITY

NAME	
E NUMBER	
CATALOG	

2023-2024

Do you have an interest in working in the health care arena, but you really would prefer to limit your access to the patients? If your answer is yes, you should consider a career in Clinical Laboratory Science. Clinical Laboratory Scientists are the individuals that perform the analyses of blood and body fluids. Many work in hospital labs; however, employment opportunities exist in clinics, health agencies, industry, pharmaceutical labs, and forensic labs. For additional information on this profession, please visit The American Society for Clinical Laboratory Science (ASCLS) or the American Society for Clinical Pathology (ASCP) websites.

The 4-year Bachelor of Science degree includes 3 years at EIU and 1 year at an affiliated hospital. Students should apply to the affiliated hospitals of choice during the fall semester of their junior year. Admission into the Clinical Laboratory Science program at EIU does not insure admission to an affiliated hospital. Students should maintain at least a 3.00 GPA to be a competitive applicant; work experience in a clinical laboratory or actively engaging in undergraduate research at EIU also strengthens your resume and application.

EIU is currently affiliated with four accredited schools of clinical laboratory science/medical technology. Students should apply for entry into the affiliated programs no later than December 1st of the year before the clinical program begins. Programs typically begin in August and require 11 months to complete. Note that these affiliated hospitals are not currently accepting international students.

GENERAL REQUIREMENTS: 40 HRS

LANGUAGE: 9 HRS

Grade of "C" or better is required.

COURSE	HOURS	GRADE	SEMESTER
ENG 1001G Composition & Language	3		
ENG 1002G Composition & Language II	3		
CMN 1310G Intro. to Speech Comm.	3		

HUMANITIES/FINE ARTS: 9 HRS

COURSE	HOURS	GRADE	SEMESTER
Humanities _____	3		
Fine Arts _____	3		
Humanities or Fine Arts _____	3		

MATHEMATICS: 4 HRS

COURSE	HOURS	GRADE	SEMESTER
MAT 2250G	4		

SOCIAL/BEHAVIORAL SCIENCE: 9 HRS

Must be from two different disciplines. One course must meet Cultural & Diversity requirement

COURSE	HOURS	GRADE	SEMESTER
	3		
	3		
	3		

FOREIGN LANGUAGE: 0-8 HRS

Exempt if 2 yrs in high school with "C" average.

COURSE	HOURS	GRADE	SEMESTER
WL _____ G	4		
WL _____ G	4		

SCIENCE AWARENESS: 7 HRS

Complete in major.

SCIENCE CORE: 44-47 HRS

BIOLOGY COURSES	HOURS	GRADE	SEMESTER
BIO 1500 General Biology I	4		
BIO 1550G* General Biology II	4		
BIO 2210* Anatomy & Physiology I	4		
BIO 2220* Anatomy & Physiology II	4		
BIO 3120* Molecular & Cell Biology	4		
BIO 3210* Immunology (Spring only)	4		
BIO 3300* General Microbiology	4		

CHEMISTRY COURSES	HOURS	GRADE	SEMESTER
CHM 1310G* General Chemistry I	3		
CHM 1315G* General Chemistry I Lab	1		
CHM 1410* General Chemistry II	3		
CHM 1415* General Chemistry II Lab	1		
CHM 2440* Organic Chemistry I	3		
CHM 2445* Organic Chemistry I Lab	1		
CHM 2840* Organic Chemistry II	3		
CHM 2845* Organic Chemistry II Lab	1		
CHM 3450* Biochemistry <i>encouraged by all programs</i>	3		

MAJOR ELECTIVES: 3-4 HRS

CHOOSE 1

- BIO 3200** (4) Genetics
- BIO 3624** (3) Histology
- BIO 4836** (4) Pathogenic Microbiology
- BIO 3740** (3) Clinical Mycology
- BIO 4958** (4) Parasitology
- NUR 2613** (3) Medical Terminology
- BUS 1950*** (3) Comp Concepts & Appls for Bus.

BUS 3010* (3) Mgt & Organizational Behavior

- PHY 1151G** (3) Physics I
- & PHY 1152G** (1) Physics I Lab
- PHY 1161** (3) Physics II
- & PHY 1162** (1) Physics II Lab

COURSE	HOURS	GRADE	SEMESTER

GRADUATION REQUIREMENTS:

<input type="checkbox"/> 120 Hours
<input type="checkbox"/> 40 SH of upper division courses (3000+)
<input type="checkbox"/> 30 SH in residence at EIU
<input type="checkbox"/> 30 SH junior-senior residency
<input type="checkbox"/> 12 SH senior residency
<input type="checkbox"/> 2.00 Cumulative GPA

<input type="checkbox"/> 2.00 Major GPA
<input type="checkbox"/> Cultural Diversity
<input type="checkbox"/> Application for Graduation (First semester junior year)
<input type="checkbox"/> Electronic Writing Portfolio <input type="checkbox"/> 1 <input type="checkbox"/> 2 See www.eiu.edu/~assess/ for requirements

BACHELOR OF SCIENCES IN CLINICAL LAB SCIENCES

AFFILIATE HOSPITAL CONTACTS:

GOOD SAMARITAN HOSPITAL

MYDEN FOUTS, BS, MLS, (ASCP)^{CM}
Education Coordinator

TRACY SNYDER, MHA, MT(ASCP)
Director of Laboratory, Program Director

SCHOOL OF MEDICAL LABORATORY SCIENCE



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OSF HEALTH CARE SAINT FRANCIS MEDICAL CENTER

ASHLEY JOBST, MSHA, MLS (ASCP)^{CM}
Program Director

SCHOOL OF CLS/SCHOOL OF HT



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VA HINES HOSPITAL

CARRIE CARLSON, MS, MLS, (ASCP)^{CM} Program Director

MEDICAL LABORATORY SCIENCE PROGRAM



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FRANCISCAN HEALTH HAMMOND (ST. MARGARET)

ROSEMARY DUDA, MS, MT (ASCP)^{SM, I}
Program Director

MEDICAL LABORATORY SCIENCE PROGRAM



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LABORATORY SCIENCE CAREERS:
WWW.LABORATORYSCIENCECAREERS.COM

SUGGESTED 4-YEAR SEQUENCE

YEAR 1 MUST EARN 30+ SH FOR SOPHOMORE STATUS

FALL		SPRING	
ENG 1001G	3	ENG 1002G	3
BIO 1500	4	BIO 1550G	4
CHM 1310G/1315G	4	CHM 1410/1415	4
Social & Behav. Sciences	3	Humanities & Fine Arts	3
Total	14	Total	14

YEAR 2 MUST EARN 60+ SH FOR JUNIOR STATUS

FALL		SPRING	
BIO 2210	4	BIO 2220	4
CMN 1310G	3	CHM 2840/2845	4
CHM 2440/2445	4	MAT 2250G	4
Social & Behav. Sciences	3	Humanities & Fine Arts	3
Total	14	Total	15

YEAR 3 MUST EARN 90+ SH FOR SENIOR STATUS

FALL		SPRING	
BIO 3120	4	BIO 3210 (SP only)	4
BIO 3300	4	Humanities & Fine Arts	3
CHM 3450 (FA only)	3	CLS Elective	3
Social & Behav. Sciences	3	³ Free Elective	3
<i>Apply to Hospitals</i>		³ Free Elective	3
		<i>Exit Interview</i>	
Total	14	Total	16

YEAR 4 MUST EARN 120 SH TO GRADUATE

FALL	SPRING
AT HOSPITAL	AT HOSPITAL

The suggested schedule assumes that the foreign language requirement has been completed.

Students transferring into the Clinical Laboratory Science Program must complete a minimum of 40 semester hours of upper division coursework (3000+) including the 32 semester hours of clinical courses at an affiliated hospital. Students transferring from community colleges typically take Molecular and Cellular Biology, Immunology and Microbiology (all required in the CLS core) at EIU to fulfill this requirement.

Additional hours of elective coursework are needed to total 90 semester hours before entering the hospital portion of the CLS program.