



# CLINICAL LAB SCIENCE PROGRAM

DEPARTMENT OF BIOLOGICAL SCIENCES  
AT EASTERN ILLINOIS UNIVERSITY

NAME	
E NUMBER	
CATALOG	

SP22

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.

**GOOD SAMARITAN HOSPITAL**

**MYDEN FOOTS, BS, MLS, (ASCP)<sup>CM</sup>**  
Education Coordinator

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

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[www.gshvin.org/community-services-and-education/student-opportunities/school-of-medical-laboratory-science/](http://www.gshvin.org/community-services-and-education/student-opportunities/school-of-medical-laboratory-science/)

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**OSF HEALTH CARE SAINT FRANCIS MEDICAL CENTER**

**RAEHEL PFAHL, MS, MLS (ASCP)<sup>CM</sup>**  
Program Director

**SCHOOL OF CLS/SCHOOL OF HT**  
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[www.osfhealthcare.org/saint-francis/about/education/school-clinical-laboratory-science/general-information/](http://www.osfhealthcare.org/saint-francis/about/education/school-clinical-laboratory-science/general-information/)

**VA HINES HOSPITAL**

**CARRIE CARLSON, MS, MLS, (ASCP)<sup>CM</sup>**  
Program Director

**MEDICAL LABORATORY SCIENCE PROGRAM**  
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**FRANCISCAN HEALTH HAMMOND (ST. MARGARET)**

**ROSEMARY DUDA, MS, MT (ASCP)<sup>SM, I</sup>**  
Program Director

**MEDICAL LABORATORY SCIENCE PROGRAM**  
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[www.franciscanhealth.org/SchoolofMedLabScienceNWI](http://www.franciscanhealth.org/SchoolofMedLabScienceNWI)

*Transfers from community colleges and other college or universities into the Clinical Laboratory Science Program must complete a minimum of 42 semester hours in senior institutions, at least 10 of which must be in residence on the Eastern Illinois University campus in addition to the 32 hours of clinical courses at an affiliated hospital.*

## GRADUATION REQUIREMENTS:

Complete 90 hours before clinical	Electronic Writing Portfolio 1 <input type="checkbox"/> 2 <input type="checkbox"/> See <a href="http://www.eiu.edu/assess/ewpmain.php">www.eiu.edu/assess/ewpmain.php</a> for requirements
Cultural Diversity (1 class)	
Must meet math requirement (MAT 2250G or equiv.)	Notes:
Application for Graduation (First semester junior year)	
Exit Interview (Final semester on campus)	

**BE PREPARED: UPDATE THIS FORM BEFORE MEETING WITH YOUR ADVISOR**

## GENERAL EDUCATION REQUIREMENTS:

### LANGUAGE: 9 HRS

Course	Hours	Grade	Semester
ENG 1001G	3		
ENG 1002G	3		
CMN 1310G	3		

Grade of "C" or better is required

### MATHEMATICS: 4 HRS

Course	Hours	Grade	Semester
MAT 2250G	4		

### HUMANITIES/FINE ARTS: 9 HRS

Area	Hours	Grade	Semester
Humanities	3		
Fine Arts	3		
Humanities/Fine Arts	3		

### SOCIAL/BEHAVIORAL SCIENCES: 9 HRS

Must be from two different disciplines.

Course	Hours	Grade	Semester
	3		
	3		
	3		

### FOREIGN LANGUAGE: 0-8 HRS

EXEMPT?  YES  NO

Exempt if 2yrs in high school of a single foreign language with average grade of "C" or better.

Course	Hours	Grade	Semester

## SCIENCE CORE: 44-47 HRS

Course	Hours	Grade	Semester
BIO 1500 General Biology I	4		
BIO 1550G* General Biology II	4		
BIO 3120* Molecular & Cell Biology	4		
BIO 3210* Immunology (Spring only)	4		
BIO 3300* General Microbiology	4		
BIO 2210* Anatomy & Physiology I	4		
BIO 2220* Anatomy & Physiology II	4		
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	3		
CHM 2445* Organic Chemistry Lab	1		
CHM 2840* Organic Chemistry II	3		
CHM 2845* Organic Chemistry Lab II	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 4958 (4) Parasitology

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

\*If switching to a Biological Sciences degree, these courses cannot be applied

\*Additional prerequisite classes may be required. See Undergraduate Catalog

Additional hours to total 90 semester hours before entering the hospital portion of the CLS program.

## CLS SAMPLE COURSE SEQUENCE:

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

FRESHMAN	
FALL	SPRING
ENG 1001G CHM 1310G/1315G BIO 1500 Social & Behavioral Sciences	ENG 1002G CHM 1410/1415 BIO 1550G Humanities & Fine Arts
SOPHOMORE	
FALL	SPRING
CMN 1310G BIO 3120 CHM 2440/2445 Social & Behavioral Sciences	BIO 3210 (Spring ONLY) CHM 2840/2845 MAT 2250G Humanities & Fine Arts
JUNIOR	
FALL	SPRING
BIO 2210 BIO 3300 Social & Behavioral Sciences CHM 3450 (Fall ONLY) <i>Apply to Hospital Programs</i>	BIO 2220 Humanities & Fine Arts CLS Elective <i>EIU Exit Interview</i>
SENIOR	
FALL	SPRING
AT HOSPITAL	AT HOSPITAL

## CONTACT INFORMATION:

### PRE-HEALTH PROFESSIONS ADVISING

Eastern Illinois University

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