



CLINICAL LAB SCIENCE PROGRAM

DEPARTMENT OF BIOLOGICAL SCIENCES
AT EASTERN ILLINOIS UNIVERSITY

NAME	
E NUMBER	
CATALOG	
AS/AA/ASA DEGREE	
TRANSFER HOURS	

F17

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 five accredited schools of clinical laboratory science/medical technology. Note that these affiliated hospitals are not currently accepting international students.

GOOD SAMARITAN HOSPITAL
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OSF SAINT FRANCIS MEDICAL CENTER
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VA HINES HOSPITAL
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ST. JOHN'S HOSPITAL
<p>GILMA RONCANCIO-WEEMER, MS, MLS (ASCP)^{CM} <i>Program Director</i></p> <p>SCHOOL OF CLINICAL LABORATORY SCIENCE 800 E. Carpenter Springfield, IL 62769 Phone: (217) 757-6788 Fax: (217) 535-3775 Email: Gilma.Roncancio-Weemer@hshs.org</p> <p>www.st-johns.org/Education-Training/School-of-Clinical-Laboratry-Science.aspx</p>

Transfers from community colleges and other college or universities into the Clinical Laboratory Science Program must complete a minimum of 56 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	Cultural Diversity (1 class)	Electronic Writing Portfolio 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> See www.eiu.edu/assess for requirements
42 SH in residence at EIU	Must meet math requirement (MAT 1271 or equiv.)	
32 SH junior-senior residency	Application for Graduation (First semester junior year)	Notes:
12 SH senior residency	Exit Interview (Final semester on campus)	
56 SH at senior institution	Cultural Diversity (1 class)	

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

HUMANITIES/FINE ARTS: 9 HRS

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

MATHEMATICS: 7 HRS

Course	Hours	Grade	Semester
MAT 1271	3		
MAT 2250G	4		

SOCIAL/BEHAVIORAL SCIENCES: 9 HRS

Must be from two different disciplines.

Course	Hours	Grade	Semester
	3		
	3		
	3		

SCIENCE CORE: 69 HRS

Course	Hours	Grade	Semester
BIO 1500 General Biology I	4		
BIO 1550G* General Biology II	4		
BIO 3120* Mol & Cell Biology	4		
BIO 3210 Immunology (Spring only)	4		
BIO 3300 General Microbiology	4		
BIO 2001G* Human Physiology	4		
OR 3520 Animal Physiology	4		
OR 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		

CHOOSE ONE GROUP:

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 some programs</i>			
OR				
2	CHM 2430 Survey Organic Chemistry	3		
	CHM 2435 Survey Organic Chemistry Lab	1		
	CHM 2730 Quantitative Analysis	3		
	CHM 3300 Survey Biochemistry	3		

MAJOR ELECTIVES: 21 HRS

CHOOSE 2:

BIO 2210 (4) Anatomy and Physiology I
 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

*BIO2210 (Anatomy and Physiology) prerequisite.

*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 MTH 1271 CHM 1310/1315 BIO 1500 General Elective	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 Humanities & Fine Arts MAT 2250G
JUNIOR	
FALL	SPRING
APPLY TO HOSPITALS BIO 2210/3520 BIO 3300 Social & Behavioral Sciences Social & Behavioral Sciences	CLS Elective BIO 2220 Humanities & Fine Arts
SENIOR	
FALL	SPRING
AT HOSPITAL	AT HOSPITAL

CONTACT INFORMATION:

PRE-HEALTH PROFESSIONS ADVISING

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