

## **Clinical Lab Science Program at EIU**

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 opportunities exist in clinics, health agencies, industry, pharmaceutical labs, and forensic labs. For additional information on this profession you may go to ascls.org and ascp.org.

The four year Bachelor of Science degree includes three years at Eastern Illinois and one year at an affiliated hospital. The student should apply to the affiliated hospitals of choice during the fall of their junior year. Admission in the Clinical Laboratory Science program does not insure admission to an affiliated hospital. Students should maintain at least a 3.00 GPA to be a competitive applicant.

Eastern Illinois University is currently affiliated with five accredited schools of clinical laboratory science/medical technology.

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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.



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## **GENERAL REQUIREMENTS at EIU**

English	Gra	de Sem						
ENG 1001G	3		Comp & Language					
ENG 1002G	3		Comp & Literature	Chemistry				
CMN 1310G	3		Intro to Speech	CHM 1310G	3		Gen Chem	
				CHM 1315G	1		Gen Chem Lab	
Behavioral/Social Sciences*			CHM 1410	3		Gen Chem II		
	3			CHM 1415	1		Gen Chem II Lab	
	3			Choose one	aroup			
3			Group 1 (preferred by hospitals)					
*Must be from 2 different disciplines			CHM 2440	3		Órg Chem		
				CHM 2445	1		Org Chem Lab	
Humanities/Fir	ne Arts			CHM 2840	3		Org Chem II	
	3		Humanities	CHM 2845	1		Org Chem Lab	
	3		Fine Arts	CHM 3450	Biochem	nistry en	couraged by some programs	
	3		Hum/FA	Group 2		,	0 7 1 0	
For a list of General http://www.eiu.edu/			voor nhn	CHM 2430	3		Survey Org Chem	
Click:GenEd at a g			<u>ces.php</u>	CHM 2435	1		Survey Org Chem Lab	
Ū				CHM 2730	3		Quantitative Analysis	
Foreign Langu	age <sup>@</sup>			CHM 3300	3		Survey Biochemistry	
FL 1101	4							
FL_ 1102	4			Electives (ch	loose 2)			
<sup>®</sup> Exempt if took 2 years in high school with "C" average			BIO 2210	4		Anatomy and Physiology I		
•		U	6	BIO 3200	4		Genetics	
Biology	Grade	Sem		BIO 3624	3		Histology	
BIO 1100	4		Gen Biology	BIO 4836	4		Pathogenic Microbiology	
BIO 1300G	4		Animal Diversity	BIO 4958	4		Parasitology	
BIO 3120	4		Mol. Cell Biology	BUS 1950	3		Comp Concepts & Appls for Bus <sup>#</sup>	
BIO 3210	4		Immunology (Spring only)	BUS 3010	3		Mgt & Organizational Behvr. <sup>#</sup>	
BIO 3300	4		General Microbiology	PHY 1151/52	G4		Physics I lect & lab	
BIO 2001G	4		Human Physiology <sup>#</sup>	PHY 1161/62	4		Physics II lect & lab	
or BIO 3520	4		Animal Physiology					
or BIO2220*	4		Anatomy and Physiology II	#Should you d	decide to s	witch to	a Biological Sciences degree,	
Math				these courses cannot be applied				
MAT 1271	3		College Algebra					
MAT 2250G	4		Statistics				ester hours before completing	
				the hospital portion of the CLS program				

<sup>+</sup>BIO2210 (Anatomy and Physiology) prerequisite.

SAMPLE TIMETABLE										
			SOPHOMORE		JUNIOR		SENIOR			
	Freshman		Fall	Spring	Fall	Spring	Fall/Spring			
	Fall	Spring	CMN 1310G	BIO 3210 (SPRING ONLY)	APPLY TO HOSPITALS	CLS Elective	AT HOSPITAL			
	ENG 1001G	ENG 1002G	BIO 3120	CHM 2840/2845	BIO 2210/3520	BIO 2220				
	MTH 1271	CHM 1410/1415	CHM 2440/2445	Hum/FA	BIO 3300	Hum/FA				
	CHM 1310/1315	BIO 1300	Behavioral/Soc	MAT 2250G	Behavioral/Soc	Elective				
	BIO 1100	Hum/FA	Elective		Behavioral/Soc					
	Elective	Elective								

## **GRADUATION REQUIREMENTS**

- \_\_\_\_\_ Complete 90 hours before clinical
- \_\_\_\_\_ 38 SH in residence at EIU
- \_\_\_\_\_ 32 SH junior-senior residency
- \_\_\_\_\_ 12 SH senior residency
- \_\_\_\_\_ 56 SH at senior institution

- \_\_\_\_\_ Apply for graduation
- \_\_\_\_\_ Cultural Diversity (1 class)
- \_\_\_\_\_ Must meet math requirement (MAT 1271 or equiv)
- \_\_\_\_\_ 3 Electronic Writing Portfolio submissions required (Senior Seminar is exempt)\_\_\_\_, \_\_\_\_,

**Contact Information:** Pre-Health Professions Advising Eastern Illinois University, 2058 Life Science Bldg, 600 Lincoln Avenue Charleston, IL 61920 Phone: 217-581-3126