

WESTERN ILLINOIS UNIVERSITY – DEPARTMENT OF BIOLOGICAL SCIENCES
Bachelor of Science in **CLINICAL LABORATORY SCIENCE**

FRESHMAN YEAR

<u>Fall</u>		<u>Spring</u>	
FYE (Zoology 200* or Botany 200*)	4	Botany 200* or Zoology 200*	4
Chemistry 201* ²	4	Chemistry 202*	4
Math 128 ³	3	English 180* ¹	3
Human Well Being or University 100	1-2	Humanities Elective (Fine Art) ⁶	3
Social Science Elective	3	Human Well Being	2-3
BIOL 170 (optional)	1		<hr style="width: 100%;"/>
	<hr style="width: 100%;"/>		16-17 hr

SOPHMORE YEAR

Microbiology 200*	4	Microbiology 434	3
Chemistry 330 or 331*	5	Chemistry 421	4
English 280* ¹	3	Social Science Elective	3
Humanities Elective (or Foreign Language) ⁴	3-4	Humanities Elective (or Foreign Language) ⁴	3-4
	<hr style="width: 100%;"/>	Social Science Elective	3
	15-16 hr		<hr style="width: 100%;"/>
			16-17 hr

JUNIOR YEAR

Zoology 430	3	Directed Elective (See Below)	3-4
Physics 114 or 124	4-5	Physics 115 or 125	4-5
Directed Elective (See Below)	3-4	Social Science Elective	3
Communication 241	3	Multicultural Elective (See Suggestions Below)	3
Humanities Elective	3	Statistics 171	3
	<hr style="width: 100%;"/>	BIOL 499 - Program Assessment Exam	0
	16-18 hr		<hr style="width: 100%;"/>
			16-18 hr

Total hours above must be 90 semester hours

SENIOR YEAR

(TAKEN AT AN AFFILIATED SCHOOL OF MEDICAL/ CLINICAL LABORATORY SCIENCE)

Affiliated Hospitals and Admission Requirements Listed on Back

12 months duration – counts as 32 semester hours at WIU

Courses at hospital will cover topics in:

Bacteriology	Serology	Biochemistry
Parasitology	Immunology	Immunohematology
Virology	Homeostasis	Clinical Microbiology
Hematology	Blood Bank	Clinical Chemistry

1 – English 180 and 280 may be taken in either Fall or Spring Semester of the 1st (180) or 2nd year (280).

2 – Take Chem 100 before 201 if lacking high school chemistry or lacking a strong math background. Chemistry sequences: see below.

3 – Math placement is determined during orientation. Required classes are listed below. Some students may need to take more math to meet the prerequisites for the required courses. SEE ADVISOR.

4 – The foreign language/global issues graduation requirement may be fulfilled by successfully completing one of the following: 1) an intermediate foreign language requirement; 2) a General Education global issues course; 3) any major's discipline-specific global issues course; or 4) an approved study abroad program. SEE ADVISOR.

5 – Semester hours and/or number of elective courses may vary by minor.

6 – At least one Humanities Elective must be a Fine Art (see catalog)

*-These classes require the student to earn a C or better to pass

Major Required Courses (30)

BOT 200 _____ (4)
ZOOL 200 _____ (4)
MICR 200 _____ (4)
BIOL 330 _____ (4)
BIOL 340 _____ (4)
BIOL 350 _____ (4)
ZOOL 430 _____ (3)
MICR 434 _____ (3)

Major Directed Electives (6)

BIOL/MICR _____ (3-4)
BIOL/MICR _____ (3-4)
(BIOL 330, 340; MICR 400, 434, 460, 463, 464)

Chemistry Required Courses (17)

CHEM 201 _____ (4)
CHEM 202 _____ (4)
CHEM 330 or 331 _____ (5)
CHEM 421 or 332 _____ (4)

Recommended Optional courses

BIOL 170 _____ (1)
STAT 171 _____ (3)

Other required courses

MATH 128 ____ (3)
PHYS 114 OR 115 ____ (8)
OR
PHYS 124 OR 125 ____ (10)
Foreign Language ____ (4), ____ (4)
OR
2 or more years in high school with a passing grade ("C" average). See Advisor.

NAACLS requires that students from Western Illinois University attend only Schools of Medical/ Clinical Lab Science that have signed formal agreements with us. The only exceptions allowed are applicants already possessing the B.S. degree. Below is a list of hospitals affiliated with Western. When writing to these hospitals, use the following format:

Program Director
School of Clinical Laboratory Science
(Hospital)

Hospitals and Requirements:

1. St. Francis Medical Center

530 Northeast Glen Oak Avenue
Peoria, IL 61637
309-624-9021
www.osfsaintfrancis.org

Admissions:

2.75 GPA
16 hours Chemistry
16 hours Biology
Statistics strongly recommended
1 class college level Math

2. Edward Hines, Jr. VA Hospital

5000 South 5th Avenue (113)
Hines, IL 60141-3030
708-202-2554
www.hines.va.gov/about/mt.asp

Admissions:

2.75 GPA
16 hours Chemistry
16 hours Biology
1 class college level Math
Statistics recommended
90 hours minimum
Physics recommended

3. HSHS St. John's Hospital

800 East Carpenter St.
Springfield, IL 62769
217-757-6788
www.st-johns.org

Admissions:

2.75 GPA
16 hours Chemistry
16 hours Biology
1 class college level Math
Statistics recommended
Physics recommended