

WESTERN ILLINOIS UNIVERSITY – DEPARTMENT OF BIOLOGICAL SCIENCES
 Bachelor of Science in Biology; **Medical Sciences** Option with a **Chemistry** minor and a
 minimum **2.75 GPA requirement.**

(For students going to Medical, Dental, Optometry, PA, or Veterinary Schools)

<u>Fall</u>	FRESHMAN YEAR		<u>Spring</u>
FYE (Zoology 200* or Botany 200*)	(4)	Botany 200* or Zoology 200*	(4)
University 100	(1)	Social Science FYE (Psy 100)	(3)
Humanities elective	(3)	Chemistry 202	(4)
Chemistry 201 ²	(4)	English 180 ¹	(3)
Biology 170	(1)	Humanities elective	<u>(3)</u>
Math placement (Math 133) ³	<u>(3)</u>		
	16		17
	SOPHOMORE YEAR		
Microbiology 200*	(4)	Biology 330 (Cell Biology)	(4)
Physics 124	(5)	Physics 125	(5)
Chemistry 331	(5)	Chemistry 332	(4)
Statistics 171	<u>(3)</u>	English 280 ¹	<u>(3)</u>
Global Issues Req. ⁴	17		16
	JUNIOR YEAR		
Zoology 330 OR 430	(3-4)	MCAT-DAT-GRE-OAT	
Foreign Language (or Humanity elective)	(3-4)	Foreign Language (or Humanity elective)	(3-4)
Chemistry 421	(4)	Biology 340 (Genetics) ⁵	(4)
Communication 241 (Speech)	<u>(3)</u>	Zool 331 OR 321	(3-4)
	13-15	Social Science elective (Soc 100)	<u>(3)</u>
			13-15
	SENIOR YEAR		
Medical Microbiology (options below)	(3)	Human Well Being	(1-3)
Directed Biology Electives (options below)	(3)	Directed Biology Electives (options below)	(3)
Social Science elective (Psy 221, 250, 251)	(3)	Social Science elective	(3)
Biology 350	<u>(4)</u>	Multicultural elective	(3)
	13	Human Well Being	<u>(1-3)</u>
			12-15

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. Math placement in at least Math 128 is a co-requisite for Chem 201.

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. Math placement order is: Math 099N, 100, 128, 129, 133. 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-Biology 330 is a pre-requisite to the Biology 340.

*-The student must earn a C or better to pass.

<u>Zool. required (33)</u>	<u>Directed Electives (6)</u>	<u>Other Required</u>	<u>Suggested (GEN ED)</u>
Bot 200____(4)	Zool/ Micro.____(3)	Chem 201____(4)	Social Sciences
Zool 200____(4)	Zool/Micro.____(3)	Chem 202____(4)	Soc, Psy, Anth, GH
Micr 200____(4)	(Biol 477, 495; Micro	Chem 331____(5)	Humanities
Biol. 330____(4)	400,405, 434, 460, 463,	Chem 332____(4)	Comm 130, Phil. GH4
Biol. 340____(4)	464, 465; Zool 230, 231,	Chem 421____(4)	Human Well Being
Biol 350____(4)	320, 321, 328, 420, 430,	Math 133____(4)	FCS, HE
Zool. 330 &331_(8)	432, 460, 461)	Stats 171____(3)	Multicultural
OR		Physics 124____(5)	HE 325, Anth, GH, WS
Zool. 321 & 430____(6)		Physics 125____(5)	
Medical Micro Crse____(3)			
400,405, 434, 460, 463, 464, 465			
<u>Other required courses</u>			
For. Lang.__(4), __ (4) or 2 or more years in high school successfully completed.			

2.75 GPA REQUIREMENT

* The Medical Sciences option has a minimum standard GPA of 2.75 for enrollment into this option. Any student can be admitted into the major as an incoming freshman, but to maintain enrollment, a student must maintain a minimum GPA of 2.75. A probationary period of two semesters is given for any student who falls below the minimum in major GPA. This allows for students to truly understand the necessity of good grades in science courses in order to do well in the medical field. A student could be admitted to any of the other options if the GPA falls below a 2.75. The four year degree in Medical Sciences is designed with the pre-professional student in mind and thus we are setting the standards closer to that of the post-graduate institutions.

Rev: 8/29/12