

WESTERN ILLINOIS UNIVERSITY – DEPARTMENT OF BIOLOGICAL SCIENCES
 Bachelor of Science in Biology with a **Medical Sciences** Option and a Minor in **Chemistry**

<u>Fall</u>	FRESHMAN YEAR	<u>Spring</u>
Zoology 200	(4) Botany 200	(4)
Humanities FYE	(3) Social Science FYE (Psy 100)	(3)
Chemistry 201 ²	(4) Chemistry 202	(4)
Biology 170	(1) English 180 ¹	(3)
Math placement (Math 133) ³	<u>(3)</u> Humanities elective	<u>(3)</u>
	15	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>
	17	16
	JUNIOR YEAR	
Zoology 230 OR 430	(3-4) MCAT-DAT-GRE	
Foreign Language (or Humanity elective)	(3-4) Foreign Language (or Humanity elective)	(3-4)
Chemistry 421	(4) Biology 340 (Genetics)	(4)
Communication 241 (Speech)	<u>(3)</u> Zool 231 OR 321	(3-4)
	13-15 Social Science elective (Soc 100)	<u>(3)</u>
		13-15
	SENIOR YEAR	
MCAT-DAT-GRE		
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	(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.

<u>Zool. required (33)</u>	<u>Medical 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. 230 &231_(8)	432, 460, 461)	Stats 171_____(3)	Multicultural
OR		Physics 124_____(5)	HE 325, Anth, GH, WS
Zool. 321 & 430_____(6)		Physics 125_____(5)	Health
Medical Micro Crse_____(3)			He 250 (Medical Terms)
400,405, 434, 460, 463, 464, 465			
<u>Other required courses</u>			
For. Lang.__(4), __(4) or 2 or more years in high school.			