

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

(For students going to Physical Therapy or Occupational Therapy 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) Social Science elective (Soc 100)	<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 330 or 331	(5) Social Science elective (Psych 221, 250, 251)	(3)
Stats 171	<u>(3)</u> English 280 ¹	<u>(3)</u>
Global Issues Req. ⁴	18	15
	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)
Psych Upper Division elective	(3) Biology 340 (Genetics) ⁵	(4)
Communication 241 (Speech)	<u>(3)</u> Zool 331 OR 321	(3-4)
Human Well Being	<u>(1-3)</u> Psych Upper Division Elective (Psych 424)	<u>(3)</u>
	13-17	13-15
	SENIOR YEAR	
Medical Microbiology (options below)	(3) Psych Upper Division elective (343, 380, 423, 442)	(3)
Directed Biology Electives (options below)	(3) Human Well Being	(1-3)
Humanities elective	(3) Directed Biology Electives (options below)	(3)
Biology 350	(4) Social Science elective	(3)
	<u>(4)</u> Multicultural elective	<u>(3)</u>
	13	13-16

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 330 _____(5)	Humanities
Biol. 330 _____(4)	400,405, 434, 460, 463,	Math 133 _____(4)	Comm 130, Phil, GH
Biol. 340 _____(4)	464, 465; Zool 230, 231,	Stats 171 or Psych 223 _____(3)	Human Well Being
Biol 350 _____(4)	320, 321, 328, 420, 430,	Physics 124 _____(5)	FCS, HE
Zool. 330 & 331 _____(8)	432, 460, 461)	Physics 125 _____(5)	Multicultural
OR			HE 325, Anth, GH, WS
Zool. 321 & 430 _____(6)		Psych Minor _____(18)	
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: 8/19/12