

WESTERN ILLINOIS UNIVERSITY – DEPARTMENT OF BIOLOGICAL SCIENCES
Bachelor of Science in Biology with a **MICROBIOLOGY** Option

<u>Fall</u>	FRESHMAN YEAR	<u>Spring</u>
Zoology 200	(4) Botany 200	(4)
Humanities FYE	(3) Social Science FYE (Poli Sci 122) ³	(3)
Chemistry 201 (Inorganic) ² or 101	(4) Chemistry 202 or 102	(4)
Human Well Being	(1-3) Math placement ⁴	(3)
English 180 ¹	(3) Humanities elective	(3)
	15-17	17
	SOPHOMORE YEAR	
Microbiology 200	(4) Biology 330 (Cell Biology)	(4)
Science Sequence (see below)	(3-5) Science Sequence (see below)	(3-5)
Chemistry 331 or 221 or 330	(4-5) English 280 ¹	(3)
Statistics 171, or Psy 223 (see below)	(3) Social Science elective ⁵	(3)
	14-17 Human Well Being	(1-3)
		14-18
	JUNIOR YEAR	
Diversity Micro Elective	(3) Medical Micro Elective	(3)
Foreign Language (or Humanity elective)	(3-4) Foreign Language (or Humanity elective)	(3-4)
Minor elective	(3) Biology 340 (Genetics)	(4)
Communication 241 (Speech)	(3) Minor elective	(3)
	15-16 Social Science elective	(3)
		16-17
	SENIOR YEAR	
Biology 350 (Ecology)	(4) Botany, Microbiology, Zoology elective	(3)
Applied Micro Elective	(3) Microbiology Elective	(3)
Social Science elective	(3) Minor elective	(3)
Microbiology elective	(3) Minor elective	(3)
Minor elective	(3) Multicultural elective	(3)
	16	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.
 3 – You may satisfy this graduation requirement by having graduated from high school in Illinois or by passing the state constitution examination, and by substituting another Group III 3 hr. course (Social Science course).
 4 – 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.
 5 – Students fulfilling requirements in general education categories II, III, IV, V, and VI must take 6 semester hours of courses that are specially designated by the suffix “W” to denote an emphasis on writing.

<u>Micro. required (33)</u>	<u>Micro. Electives (6)</u>	<u>Chem. Sequence (12-13)</u>	<u>Science Sequence</u>
Bot 200_____(4)	Micro_____(3)	Chem. 101__(4),	Phys 124__(5) 125__(5)
Zool 200_____(4)	Micro._____(3)	Chem. 102__(4),	OR
Micr 200_____(4)		Chem. 221__(4);	Phys. 114__(4) 115__(4)
Biol. 330_____(4)		OR	OR
Biol. 340_____(4)		Chem. 201__(4),	Geog 120__(4) 121__(4)
Biol 350_____(4)		Chem. 202__(4),	OR
Diversity_____(3) (400, 401, 402, 404, 423)		Chem. 331__(5)	Geol. 110__(4) 112__(4)
Applied_____(3) (451, 465, Biol 466)			113__(3) 115__(3)
Medical_____(3) (405, 434, 460, 463, 464)			Pick 2 of the above.

Other required courses

Math 128__(3) 4), AND Stat 171__(3) or Psych 223__(3) .OR Math 133/183. **See Advisor.**
 For. Lang.__(4), __(4) or 2 or more years in high school.

This major requires a minor. See advisor for complementary minors.

1-30-07