

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

FRESHMAN YEAR

<u>Fall</u>				<u>Spring</u>
FYE (Zoology 200* or Botany 200*)	(4)	Botany 200* or Zoology 200*		(4)
University 100	(1)	Social Science FYE		(3)
Humanities Elective	(3)	Chemistry 202 or 102		(4)
Chemistry 201 ² or 101	(4)	English 180 ¹		(3)
Math 128 ³	(3)	Humanities Elective		<u>(3)</u>
Human Well Being	<u>(1-3)</u>			17
	16-18			

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 (see below)	<u>(3)</u>	Social Science Elective		<u>(3)</u>
Global Issues Req. ⁴	14-17			13-15

JUNIOR YEAR

General Record Exam (GRE)

Botany 320	(3)	Botany 410		(3)
Foreign Language (or Humanity elective)	(3-4)	Foreign Language (or Humanity elective)		(3-4)
Minor Elective	(3)	Biology 340 (Genetics) ⁵		(4)
Minor Elective	<u>(3)</u>	Minor Elective		(3)
	15-16	Social Science Elective		<u>(3)</u>
				16-17

SENIOR YEAR

Communication 241 (Speech)	(3)	Biology 350 (Ecology)		(4)
Botany Directed Elective	(3)	Botany 430		(3)
Social Science Elective	(3)	Minor Elective		(3)
Botany Directed Elective	(3)	Human Well Being		(1-3)
Minor Elective	<u>(3)</u>	Multicultural Elective		<u>(3)</u>
	15			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.

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-Biology 330 is a pre-requisite to Biology 340

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

<u>Bot. required (33)</u>	<u>Bot. Directed Elect (6)</u>	<u>Chem Sequence (12-13)</u>	<u>Science Sequence</u>
Bot 200____(4)	Botany____(3)	Chem. 101____(4)	Phys 124__(5) 125__(5)
Zool 200____(4)	Botany____(3)	Chem. 102____(4)	OR
Micr 200____(4)	(Bot 329, 402, 423, 451,	Chem. 221____(4)	Phys. 114__(4) 115__(4)
Biol 330____(4)	452, 462, 481; Biol 453,	OR	OR
Biol 340____(4)	454, 455, 466, 470, 478,	Chem. 201____(4)	Geog 120__(4) 121__(4)
Biol 350____(4)	495)	Chem. 202____(4)	OR
Bot 320____(3)		Chem 330 or 331__(5)	Geol. 110__(4) 112__(4)
Bot 410____(3)			113__(3) 115__(3)
Bot 430____(3)			Pick 2 of the above.

Other required courses

Math 128__(3) AND Stat 171__(3), OR Math 133. **See Advisor.**

Foreign Language__(4), __(4) or 2 or more years in high school with a passing grade.

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