

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

<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	(3)
Humanities Elective	(3) Chemistry 102* or 201*	(4)
Chemistry 101* or 201* ²	(4) English 180 ^{1*}	(3)
Human Well Being	(1-3) Humanities Elective	<u>(3)</u>
Math 128	<u>(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 221 or 330 or 331	(4-5) English 280 ^{1*}	(3)
Statistics 171 (see below)	<u>(3)</u> Social Science Elective	(3)
Foreign Language/Global Issues Req. ⁴	14-17 Minor Elective ⁵	<u>(3)</u>
		(16-18)
	JUNIOR YEAR	
	General Record Exam (GRE)	
Directed Elective	(3) Directed Elective	(3)
Foreign Language (or Humanity Elective)	(3-4) Foreign Language (or Humanity Elective)	(3-4)
Biology 350 (Ecology)	(4) Biology 340 (Genetics)	(4)
Minor Elective	<u>(3)</u> Minor Elective	(3)
	13-14 Social Science Elective	<u>(3)</u>
		16-17
	SENIOR YEAR	
Communication 241 (Speech)	(3) Directed Elective	(3)
Directed Elective	(3) Minor Elective	(3)
Social Science Elective	(3) Minor Elective	(3)
Directed Elective	(3) Multicultural Elective	(3)
Minor Elective	<u>(3)</u> Human Well Being	<u>(1-3)</u>
	15	13-15

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 – 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-Semester Hours may vary by minor

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

Zool. Required (24)

Bot 200____(4)
Zool 200____(4)
Micr 200____(4)
Biol 330____(4)
Biol 340____(4)
Biol 350____(4)

Dircted Electives (15)

Ecology and Evolution__(3)
Biodiversity____(3)
Zool_____(3)
Bot_____(3)
Zool/Bot/Biol/Micro____(3)
(Ecology and Evolution: Biol419, 425, 426, 451, 452, 453, 454, 458, 459, 477, 479, 495, 451; Bot 455; Micro 451; Zool 325, 451, 485;
Biodiversity: Bot 402 410 423 452 461 462; Micro 401, 460; Zool408, 409,410, 411, 412,413, 414, 415, 416)

Chem Sequence (12-13)

Chem 101____(4)
Chem 102____(4)
Chem 221____(4)
OR
Chem 201____(4)
Chem 202____(4)
Chem 330 or 332____(5)

Science Sequence (6-10)

Phys. 114__(4) 115__(4)
OR
Phys 124__(5) 125__(5)
OR
Geog 120__(4) 121__(4)
OR
Geog 208__(4) 308 (4)
OR
Geol. 110__(4) 112__(4)
113__(3) 115__(3)
Pick 2 classes of the above in the same sequence

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 required minors. (Over for list of minors)

Required Minors

*select 1 minor from this list

Botany _____	(17 s.h.)
Microbiology _____	(17 s.h.)
Zoology _____	(17 s.h.)
Agriculture _____	(18 s.h.)
Environmental Studies _____	(18-22 s.h.)
Geographic Information Systems _____	(18 s.h.)
Geology _____	(18 s.h.)
Natural Resources Conservation _____	(16 s.h.)
Recreation, Park and Tourism Administration _____	(16 s.h.)
Horticulture _____	(18 s.h.)
Urban Forestry _____	(18 s.h.)