

WESTERN ILLINOIS UNIVERSITY – DEPARTMENT OF BIOLOGICAL SCIENCES
PRE-OPTOMETRY

ZOOLOGY OPTION AND A MINOR IN PSYCHOLOGY

Student Name _____ Advisor _____

Three years of undergraduate study is the minimum required for admission to a school of optometry. However, most students earn a baccalaureate degree. Since the requirements for different optometry schools vary, the student should become familiar with the specific requirements of the school to which application will be made. Current advice in pre-optometry may be obtained in the Department of Biological Sciences where a four-year program suited to the student's needs may be planned. The following applies to the Illinois College of Optometry. This plan is for a B.S. in Biology (Zoology Option) with a Psychology minor.

<u>Fall</u>	FRESHMAN YEAR		<u>Spring</u>
Zoology 200	(4)	Botany 200	(4)
Psych 100 FYE	(3)	Humanities FYE	(3)
Math 128	(3)	English 180 ¹	(3)
Chemistry 201 (Inorganic) ²	(4)	Chemistry 202	(4)
Biology 170	<u>(1)</u>	Math 129	<u>(3)</u>
	15		17
	SOPHOMORE YEAR		
Physics 124	(5)	Biology 330	(4)
Chemistry 330	(5)	Physics 125	(5)
Human Well Being ⁴	(2)	English 280 ¹	(3)
Math 133	<u>(4)</u>	Micro 200	<u>(4)</u>
		16	

16

	JUNIOR YEAR		
Biology 340 (Genetics)	(4)	Zoology 321 (Anatomy)	(3)
Foreign Language (or Humanity elective) ⁵	(4-3)	Foreign Language (or Humanity elective)(see below)	(4-3)
Psy 223 or Stats 171, 470	(4)	Psychology 251 or 221	(3)
Communication 241 (Speech)	(3)	Zoology elective	(3)
Zoology 460, 411, or 415	<u>(3)</u>	Social Science Gen Ed (Political Science 122) ³	(3)
	(17-18)	OAT	<u>(0)</u>
			15-16

	SENIOR YEAR		
Biology 350 (Ecology)	(4)	Microbiology (Medical)	(3)
Zoology elective	(3)	Zoology 430 (Animal Physiology)	(3)
Psychology elective	(3)	Social Science elective	(3)
Zoology elective	(3)	Psychology elective	(3)
Humanities elective	<u>(3)</u>	Multicultural elective	(3)
	16	Human Well Being	<u>(1)</u>
			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 – 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 – Students fulfilling general education requirements in categories II, III, IV, V, and VI must take 6 semester hours of courses that are specially designated by the suffix “W” or “Z” to denote an emphasis on writing.
- 5- Foreign language requirement may be fulfilled with 2 or more years of high school foreign language.

<u>Zool. required (26)</u>	<u>Zool. Electives (6)</u>	<u>Chem. Required (12)</u>
Zool. 200 _____ (4)	Zool. _____ (3)	Chem. 201 _____ (4)
Bot. 200 _____ (4)	Zool. _____ (3)	Chem. 202 _____ (4)
Micro 200 _____ (4)		Chem. 330 _____ (5)
Biol. 330 _____ (3)		
Biol. 340 _____ (3)	<u>Suggested Zool. Electives:</u>	<u>Suggested Courses:</u>
Zool.460 _____ (3)	Zool: 320, 328, 432, 461	HE 120, 121, 123,
Zool. 321 _____ (3)		HE 250 (Med. Term.)
Zool. 430 _____ (3)		FCS 109, Phil 105, 120, 140
Biol. 350 _____ (3)		Anthro 110 or Soc 100

Other required courses

Physics 124__(5), 125__(5); Math 128__(3), 129__(3) and 133__(4) and Psych 223__(3). For. Lang.__(4), __(4)
or 2 or more years in high school.

1/30/2007