



PRE-OPTOMETRY PREPARATION

AT EASTERN ILLINOIS UNIVERSITY

NAME	
E NUMBER	
CATALOG	

SP20

Some people will tell you that doctors of optometry diagnose and treat disorders of the eye. What optometrists really do – each and every day – is make a real difference in real lives. Optometrists reveal new vistas, return lost joys, empower greater achievement, and preserve un-lived lives. That's what optometrists do.

Doctors of Optometry complete a four-year doctoral program to earn the Doctor of Optometry (O.D.) degree.

Admission is very competitive and each optometry program has slightly different criteria. **It is important to review the pre-requisites for each school and identify which program you wish to apply and plan accordingly.** On average students should maintain a grade point average near 3.40/4.00 or higher, demonstrate leadership skills, expose yourself to the world of optometry, and perform well on the Optometry Admission Test (OAT).

GENERAL REQUIREMENTS:

LANGUAGE: 9 HRS

Course	Hours	Grade	Semester
ENG 1001G Composition & Language	3		
ENG 1002G Composition & Literature	3		
CMN 1310G Speech Communication	3		

BIOLOGY*: 16 HRS

Course	Hours	Grade	Semester
BIO 1500 General Biology I	4		
BIO 3120 Molecular & Cellular Biology	4		
BIO 3300 Microbiology	4		
BIO 2210 Anatomy & Physiology I	4		
BIO 2220 Anatomy & Physiology II	4		
BIO 3220* Genetics	4		

SOCIAL/BEHAVIORAL SCIENCE: 9 HRS

Course	Hours	Grade	Semester
PSY 1879G Intro to Psychology	3		
ECN 2800G OR 2801G OR 2802G* Economics of Social Issues/Macro/Micro	3		
SOC 1838G* Intro to Sociology	3		

CHEMISTRY*: 18 HRS

Course	Hours	Grade	Semester
CHM 1310G General Chemistry I	3		
CHM 1315G General Chemistry I Lab	1		
CHM 1410 General Chemistry II	3		
CHM 1415 General Chemistry II Lab	1		
CHM 2440 Organic Chemistry I	3		
CHM 2445 Organic Chemistry I Lab	1		
<i>Highly Recommended Courses</i>			
CHM 2840* Organic Chemistry II	3		
CHM 3450* Biochemistry	3		

MATH*: 3-9 HRS

Course	Hours	Grade	Semester
BIO 4750 Statistic Anyl of Sci Data OR MAT 2250G Elementary Statistics	4		
MAT 2110G Brief Calculus OR MAT 1441G Calculus I	3 5		

PHYSICS*: 8 HRS

Course	Hours	Grade	Semester
PHY 1151G Principles of Physics I	3		
PHY 1152G Principles of Physics I Lab	1		
PHY 1161 Principles of Physics II	3		
PHY 1162 Principles of Physics II Lab	1		

* Additional prerequisite classes may be required. See Undergraduate Catalog.

* Required by some optometry schools

^ Recommended by some optometry schools

Departmental Exit Interview is also required prior to leaving EIU.

BE PREPARED: UPDATE THIS FORM BEFORE MEETING WITH YOUR ADVISOR

WHAT MAKES YOU UNIQUE FROM OTHER APPLICANTS?

Optometric Experience

- Volunteer or work experience with a specialist is beneficial.

Leadership Experience

Optometrists are leaders in their communities and demonstrated leadership skills are a must. Campus, church, and community organizations provide excellent leadership opportunities.

RESOURCES:

Assoc. of Schools and Colleges of Optometry www.opted.org

OAT www.ada.org/oat/index.html

Southern College of Optometry (Memphis)

www.sco.edu/admissions/Pages/prerequisitecourses.aspx

Illinois College of Optometry

www.ico.edu/admissions/apply/preopt_requirements.html

St. Louis College of Optometry

www.umsl.edu/~optometry/students/prospstudpag.html

Ohio State College of Optometry

optometry.osu.edu/futureStudents/requirements.cfm

Indiana College of Optometry www.opt.indiana.edu/programs/od/prereqs.htm

Chicago College of Optometry (Midwestern) www.midwestern.edu/academics/our-colleges/chicago-college-of-optometry.xml

SAMPLE COURSE SEQUENCE:

The suggested course sequence accounts for typical optometry school prerequisites and general education requirements, assuming the foreign language requirement has been completed. It does not include all requirements for a bachelor degree from EIU.

FRESHMAN	
FALL	SPRING
ENG 1001G BIO 1500 CHM 1310G/1315G PSY 1879G	ENG 1002G CHM 1410/1415 Gen Ed Elective
SOPHOMORE	
FALL	SPRING
BIO 3120 CHM 2440/2445 Gen Ed Elective	BIO 3200 CHM 2840/2845 BIO 2210 Gen Ed Elective
JUNIOR	
FALL	SPRING
BIO 2220 PHY 1151G/1152G (Fall ONLY) CHM 3450 (Fall ONLY) OAT Prep	BIO 4750 OR MAT 2250G PHY 1161/1162 (Spring ONLY) CMN 1310G OAT Exam/Apply to Optometry School
SENIOR	
FALL	SPRING
EIU 4***G Gen Ed Elective Optometry School Admission Interviews	Gen Ed Elective Pre-Health Advising Exit Interview

CONTACT INFORMATION:

PRE-HEALTH PROFESSIONS ADVISING

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