Optometry

Optometry was recently ranked by U.S. News & World Report as the second best profession because of its regular hours, few emergency calls, and collaboration with other professions. Although there has been a steady increase in the ophthalmic market, there has been a downward trend in applications to optometry school.

Ohio only has one optometry school located at The Ohio State University.

Students interested in applying to Optometry Schools should have a solid foundation in biology, chemistry, and physics. In addition, a competitive GPA and OAT scores and experience or volunteer work within the profession are also required. Well qualified students are those that excel in critical thinking, have good communication skills, and exhibit leadership.

To date there are currently 35,855 practicing optometrists in approximately 7,000 communities across the nation. The American Optometric Association estimates that a ratio of one practicing optometrists to every 7,000 people would be a reasonable average for the United States (few states meet this need!). Optometrists practice in rural communities, suburban areas, and large cities. The majority of optometrists work in an office setting either in solo practice, with a team of optometrists, or with other health professionals. Others choose a career in military, public health, or at hospitals, clinics, teaching institutions, and community health centers.

Doctors of Optometry receive four years of specialized professional education and clinical trainings at accredited school or college of optometry. Currently, there are only 21 schools and colleges of optometry – 20 are in the continental U.S.; one is in Puerto Rico.

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**CORE PRE-REQUISITES**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Courses</th>
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<tbody>
<tr>
<td>Physiology</td>
<td>ANT 3110, 3120</td>
</tr>
<tr>
<td>Biology (+labs)</td>
<td>BIO 1120, 1150</td>
</tr>
<tr>
<td>Physics</td>
<td>PHY 1110, 1120</td>
</tr>
<tr>
<td>Chemistry (+labs)</td>
<td>CHM 1120, 1210</td>
</tr>
<tr>
<td>Psychology</td>
<td>PSY 1010</td>
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<tr>
<td>Lifespan Development</td>
<td>PSY 3410</td>
</tr>
<tr>
<td>Chemistry (+labs)</td>
<td>CHM 2110, 2120</td>
</tr>
<tr>
<td>English</td>
<td>ENG 1100, 2100</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>BMB 4210</td>
</tr>
<tr>
<td>Mathematics</td>
<td>MTH 1340, 2240</td>
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<tr>
<td>Microbiology</td>
<td>M&amp;I 2200 or BIO 3100/3110</td>
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<tr>
<td>Humanities &amp; Social Sciences</td>
<td>7 sem hrs each</td>
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**Recommended Courses**

Courses in statistics, ethics, histology, sociology, medical terminology, and small business management are strongly recommended.
“What is the OAT?”

In addition to the course prerequisites, students interested in applying to optometry programs are required to take the Optometry Admissions Test (OAT) which is available year round. The OAT is a battery consisting of the following four individual tests: the Survey of the Natural Sciences, Reading Comprehension Test, Physics Test, and Quantitative Reasoning Test.

It is recommended that at least one year of collegiate education, including courses in biology, general and organic chemistry, and physics, be completed before taking the OAT. The OAT is comprised of 4 parts:

- Survey of natural Sciences
- Reading Comprehension
- Physics
- Quantitative Reasoning

OAT scores range from 200 - 400.

How Competitive is the Admissions Process?

The admission process at The Ohio State University College of Optometry is competitive with only 65 new students being admitted each year selected from approximately 300 applicants. The grade point average for entering optometry students is among the highest of all schools and colleges of optometry. The entering class of 2014 had a GPA of 3.51 cumulative GPA and an average total science Optometry Admission Test (OAT) score of 320. The deadline for applications (OptomCAS) is March 31 for the class entering the following autumn. All application materials, including supplementary applications and letter of evaluation must be received by this deadline.

Application materials become available to the preceding July and can be obtained online at www.optometry.osu.edu. Prospective students are encouraged to apply early.

“Why do Students Choose Optometry?”

- Excellent income: According to the 2011 American Optometric Association Economic Survey, the average net income for optometrists in $156,550
- Satisfying professional career: Optometrists have the satisfaction of helping their patients care for the most highly valued sense - sight
- Highly Respected Profession: Optometrists are viewed as leaders in their community
- Career outlook is excellent: All areas of the country need optometrists to serve a population which is increasingly aware of the importance of prevention and proper health care, and which requires the service of optometrists now more than ever.

Contact the advisors:
Amanda Herbe
amanda.herbe@wright.edu

Harolynn Williams
harolynn.williams@wright.edu

Office: 106 Oelman Hall
(937) 775-3180