## Optometry, Doctor, Curriculum - Class of 2022

### Curriculum for Classes Beginning with Class of 2017

### First Year

#### Fall Semester

<table>
<thead>
<tr>
<th>Semester</th>
<th>Credit Hours</th>
<th>Lecture</th>
<th>Lab</th>
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</thead>
<tbody>
<tr>
<td>8010 Anatomy, Physiology and Disease Processes I</td>
<td>4</td>
<td>3</td>
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<tr>
<td>8020 Basic and Clinical Optics I</td>
<td>4</td>
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<tr>
<td>8030 Introduction to Optometry</td>
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<tr>
<td>8040 Neuroanatomy</td>
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<tr>
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<tr>
<td>8060 Biochemistry</td>
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<tr>
<td>8090 Case Based Discovery for the Developing Clinician</td>
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<tr>
<td>8350 Epidemiology</td>
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#### Spring Semester

<table>
<thead>
<tr>
<th>Semester</th>
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<th>Lecture</th>
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<tr>
<td>8090 Case-Based Discovery for the Developing Clinician</td>
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<tr>
<td>8160 Anatomy and Physiology of the Eye</td>
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<td>8180 Clinical Optometry I</td>
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<tr>
<td>8190 Introduction to Clinical Diagnostic Reasoning</td>
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<tr>
<td>8230 Interpersonal Communication</td>
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## Second Year

### Fall Semester

<table>
<thead>
<tr>
<th>Semester</th>
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<tbody>
<tr>
<td>8220 Ophthalmic Optics</td>
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<td>8240 Ocular Motility</td>
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<td>8250 Monocular Sensory Processes</td>
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<tr>
<td>8260 Foundations of Ocular and Systemic Disease and Management I</td>
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<td>8280 Clinical Optometry II</td>
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### Spring Semester

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<thead>
<tr>
<th>Semester</th>
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<tbody>
<tr>
<td>8320 Ophthalmic Dispensing</td>
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<tr>
<td>8340 Binocular Vision and Space Perception</td>
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<tr>
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<td>8380 Clinical Optometry III</td>
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<tr>
<td>8390 Specialty Clinic Laboratory</td>
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<tr>
<td>8391 Clinical Topics in Contact Lenses</td>
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<tr>
<td>8392 Clinical Topics in Binocular Vision and Pediatric Optometry</td>
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<td>8393 Clinical Topics in Low Vision</td>
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<tr>
<td>8560 Public Health</td>
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## Third Year

### Summer Semester *(12-Week Session)*

<table>
<thead>
<tr>
<th>Semester</th>
<th>Credit Hours</th>
<th>Lecture</th>
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<tbody>
<tr>
<td>8450 Introduction to Primary Care Clinic</td>
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<td>8460 Foundations of Ocular and Systemic Disease and Management</td>
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<tr>
<td>8540 Binocular Vision Anomalies</td>
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<tr>
<td>8650 Geriatric Optometry</td>
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### Fall Semester

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<tr>
<th>Semester</th>
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<tbody>
<tr>
<td>8470 Pharmaceutical Management in Patient Care</td>
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<tr>
<td>8500 Primary Care Clinic I</td>
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<tr>
<td>8520 Contact Lenses I</td>
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<tr>
<td>8550 Low Vision</td>
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<tr>
<td>8570 Advanced Topics in Ocular and Systemic Disease and Management</td>
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<tr>
<td>8640 Pediatric Optometry</td>
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### Spring Semester

<table>
<thead>
<tr>
<th>Semester</th>
<th>Credit Hours</th>
<th>Lecture</th>
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<tbody>
<tr>
<td>8600 Primary Care Clinic II</td>
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<tr>
<td>8610 Environmental Vision</td>
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<td>8620 Contact Lenses II</td>
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<td>8630 Practice Management II</td>
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<td>8645 Neurologic Disorders of the Eye and Visual System</td>
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<td>8660 Contact Lens Specialty Clinic</td>
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<td>8670 Comprehensive Case Review and Analysis</td>
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<td>8680 Ophthimal Lasers</td>
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<td>8690 Pediatric /Binocular Vision Specialty Clinic</td>
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### Fourth Year

Six clinical rotations and 2 courses are required. Clinical courses in Categories 1-3 are required. Students must select at least one clinical course in each of Categories 4 and 5.

### Summer Semester

<table>
<thead>
<tr>
<th>Semester</th>
<th>Credit Hours</th>
<th>Lecture</th>
<th>Lab</th>
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<tbody>
<tr>
<td>First Rotation</td>
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<tr>
<td>Second Rotation</td>
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### Fall Semester

<table>
<thead>
<tr>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td><strong>Third Rotation</strong></td>
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<tr>
<td>8870 Practice Management IV</td>
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<tr>
<td><strong>Fourth Rotation</strong></td>
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### Spring Semester

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<tr>
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<td><strong>Sixth Rotation</strong></td>
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<tr>
<td>8880 Clinical Seminar</td>
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### Category 1 UMSL

**Note:** Must enroll in 8700, 8710 and 8720 concurrently

<table>
<thead>
<tr>
<th>Semester</th>
<th>Credit Hours</th>
<th>Lecture</th>
<th>Lab</th>
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<tbody>
<tr>
<td>8700 UMSL Pediatric/Binocular Vision Patient Care</td>
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<tr>
<td>8710 UMSL Contact Lens Patient Care</td>
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<td>8720 UMSL Eye Health Management Patient Care</td>
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### Category 2 Institutional

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<td>8780 External Rotation in Institutional Patient Care</td>
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### Category 3 Ocular Disease

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<th>Lecture</th>
<th>Lab</th>
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<tbody>
<tr>
<td>8790 External Rotation in Ocular Disease Patient Care</td>
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### Category 4 Intern Community

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<tr>
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<tbody>
<tr>
<td>8730 Community Service Patient Care Rotation A</td>
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<td>8770 Community Service Patient Care Rotation C</td>
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### Category 5 Specialty

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<tr>
<td>8800 External Rotation in Pediatric/Binocular Vision Patient Care</td>
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<tr>
<td>8810 External Rotation in Contact Lens Patient Care</td>
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<td>8811 External Rotation in Ophthalmic Surgical Patient Care</td>
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<td>8812 External Rotation in Geriatric Patient Care</td>
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<td>8813 External Rotation in Ophthalmic Sports vision</td>
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<td>8814 External Rotation in Primary Care</td>
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<td>8815 External Rotation in Pathology and Treatment</td>
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<td>8816 External Rotation in Ophthalmic Laser Treatment</td>
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<td>8820 External Rotation in Low Vision Patient Care</td>
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Category 6 Elective

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<tr>
<td>8830 External Rotation in General Patient Care</td>
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<tr>
<td>8840 External Supplementary Rotation in General Patient Care</td>
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Required Courses

<table>
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<tbody>
<tr>
<td>8870 Practice Management IV</td>
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<tr>
<td>8880 Clinical Seminar</td>
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Due to advances in the optometric profession, sequencing of courses may change. The courses listed above are subject to change through normal academic procedures.

Elective Courses in the College of Optometry

<table>
<thead>
<tr>
<th>Course</th>
<th>Type</th>
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<td>OPTOM 8400</td>
<td>Directed Readings</td>
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<tr>
<td>OPTOM 8410</td>
<td>Directed Research</td>
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Sign-offs from other departments affected by this proposal None

Rationale This curriculum has been updated with the newest curricular changes for the Optometry Class of 2022.