

# Optometry, Doctor, Curriculum - Class of 2022

## ~~Curriculum for Classes Beginning with Class of 2017~~

### First Year

#### Fall Semester

<b>Semester</b>	<b>Credit Hours</b>	<b>Lecture</b>	<b>Lab</b>
8010 Anatomy, Physiology and Disease Processes I	4	3	<del>1</del> 2
8020 Basic and Clinical Optics I	4	3	<del>1</del> 2
8030 Introduction to Optometry	1	1	
8040 Neuroanatomy	4	3	<del>1</del> 2
8050 Basic and Applied Immunology	2	2	<del>0</del>
8060 Biochemistry	2	2	
8090 Case Based Discovery for the Developing Clinician	1	1	
8350 Epidemiology	2	2	

#### Spring Semester

<b>Semester</b>	<b>Credit Hours</b>	<b>Lecture</b>	<b>Lab</b>
<del>8090 Case-Based Discovery for the Developing Clinician</del>	<del>1</del>	<del>1</del>	
8110 Anatomy, Physiology and Disease Processes II	5	4	<del>1</del> 2
8120 Basic and Clinical Optics II	5	4	<del>1</del> 2
8160 Anatomy and Physiology of the Eye	5	4	<del>1</del> 2
8180 Clinical Optometry I	5	3	<del>2</del> 4
8190 Introduction to Clinical Diagnostic Reasoning	1	1	
8230 Interpersonal Communication	2	2	

## Second Year

### Fall Semester

Semester	Credit Hours	Lecture	Lab
8220 Ophthalmic Optics	4	3	+ 2
<del>8230 Interpersonal Communications</del>	<del>2</del>	<del>2</del>	
8240 Ocular Motility	2	2	
8250 Monocular Sensory Processes	5	4	+ 2
8260 Foundations of Ocular and Systemic Disease and Management I	4	3	+ 2
8280 Clinical Optometry II	5	3	<del>2</del> 4

### Spring Semester

Semester	Credit Hours	Lecture	Lab
8320 Ophthalmic Dispensing	1		+ 2
8340 Binocular Vision and Space Perception	4	3	+ 2
8370 Foundations of Ocular and Systemic Disease and Management II	5	4	+ 2
8380 Clinical Optometry III	2	1	+ 2
8390 Specialty Clinic Laboratory	1		1 2
8391 Clinical Topics in Contact Lenses	1	1	
8392 Clinical Topics in Binocular Vision and Pediatric Optometry 1		1	
8393 Clinical Topics in Low Vision	1	1	
8560 Public Health	2	2	

# Third Year

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

Semester	Credit Hours	Lecture	Lab
8450 Introduction to Primary Care Clinic	4		4 8
8460 Foundations of Ocular and Systemic Disease and Management III II	2	2	
8540 Binocular Vision Anomalies	4	3	1 2
8650 Geriatric Optometry	2	2	

## Fall Semester

Semester	Credit Hours	Lecture	Lab
8470 Pharmaceutical Management in Patient Care	2	2	
8500 Primary Care Clinic I	6		6 12
8520 Contact Lenses I	3	2	1 2
8550 Low Vision	2	1	1 2
8570 Advanced Topics in Ocular and Systemic Disease and Management	6	5	1 2
8640 Pediatric Optometry	2	2	

## Spring Semester

Semester	Credit Hours	Lecture	Lab
8600 Primary Care Clinic II	6		6 12
<del>8610 Environmental Vision</del>	<del>2</del>	<del>2</del>	
8620 Contact Lenses II	2	2	
8630 Practice Management III I	3	3	
8645 Neurologic Disorders of the Eye and Visual System	2	2	
8660 Contact Lens Specialty Clinic	1		1 2
8670 Comprehensive Case Review and Analysis	1	1	
8680 Ophthalmic Lasers	2	2	
8690 Pediatric /Binocular Vision Specialty Clinic I	1		1 2

## 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

Semester	Credit Hours	Lecture	Lab
First Rotation	7		7
Second Rotation	7		7

## Fall Semester

Semester	Credit Hours	Lecture	Lab
Third Rotation	7		7
<del>8870 Practice Management IV</del>	<del>2</del>	<del>2</del>	
Fourth Rotation	7		7

## Spring Semester

Semester	Credit Hours	Lecture	Lab
Fifth Rotation	7		7
Sixth Rotation	7		7
<del>8880 Clinical Seminar</del>	<del>1</del>	<del>1</del>	

## Category 1 UMSL

Note: Must enroll in 8700, 8710 and 8720 concurrently

Semester	Credit Hours	Lecture	Lab
8700 UMSL Pediatric/Binocular Vision Patient Care	3		6
8710 UMSL Contact Lens Patient Care	3		6
8720 UMSL Eye Health Management Patient Care	1		2

## Category 2 Institutional

Semester	Credit Hours	Lecture	Lab
8780 External Rotation in Institutional Patient Care	7		14

### Category 3 Ocular Disease

Semester	Credit Hours	Lecture	Lab
8790 External Rotation in Ocular Disease Patient Care	7		14

### Category 4 Intern Community

Semester	Credit Hours	Lecture	Lab
8730 Community Service Patient Care Rotation A	7		14
8770 Community Service Patient Care Rotation C	7		14

### Category 5 Specialty

Semester	Credit Hours	Lecture	Lab
8800 External Rotation in Pediatric/Binocular Vision Patient Care	7		14
8810 External Rotation in Contact Lens Patient Care	7		14
8811 External Rotation in Ophthalmic Surgical Patient Care	7		14
8812 External Rotation in Geriatric Patient Care	7		14
8813 External Rotation in Ophthalmic Sports vision	7		14
8814 External Rotation In Primary Care	7		14
8815 External Rotation in Pathology and Treatment	7		14
8816 External Rotation in Ophthalmic Laser Treatment	7		14
8817 External Rotation in Rehabilitative Patient Care	7		14
8820 External Rotation in Low Vision Patient Care	7		14

## Category 6 Elective

Semester	Credit Hours	Lecture	Lab
8830 External Rotation in General Patient Care	7		14
8840 External Supplementary Rotation in General Patient Care	7		14
8850 Supplementary Rotation in General Patient Care	7		14

## Required Courses

Semester	Credit Hours	Lecture	Lab
8870 Practice Management IV	2	2	
8880 Clinical Seminar	1	1	

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

OPTOM 8400	Directed Readings	1-3
OPTOM 8410	Directed Research	1-3

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.