

# Doctor of Optometry Curriculum

## First Year

### Fall Semester

Semester	Credit Hours	Lecture	Lab
8010 Anatomy, Physiology and Disease Processes I	5	4	<del>2</del> 1
8020 Basic and Clinical Optics I	4	3	<del>2</del> 1
8030 Introduction to Optometry	1	1	
8040 Neuroanatomy	4	3	<del>2</del> 1
8060 Biochemistry	3	3	
8090 Case Based Discovery for the Developing Clinician	1	1	
8350 Epidemiology	2	2	

### Spring Semester

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

## Second Year

### Fall Semester

Semester	Credit Hours	Lecture	Lab
8220 Ophthalmic Optics	4	3	<del>2</del> 1
8230 Interpersonal Communications	2	2	
8240 Ocular Motility	2	2	
8250 Monocular Sensory Processes	5	4	<del>2</del> 1
8260 Foundations of Ocular and Systemic Disease and Management I	4	3	<del>2</del> 1
8280 Clinical Optometry II	5	3	<del>4</del> 2

## Spring Semester

Semester	Credit Hours	Lecture	Lab
8320 Ophthalmic Dispensing	1		<del>2</del> 1
8340 Binocular Vision and Space Perception	4	3	<del>2</del> 1
8370 Foundations of Ocular and Systemic Disease and Management II	7	6	<del>2</del> 1
8380 Clinical Optometry III	2	1	<del>2</del> 1
8390 Specialty Clinic Laboratory	1		<del>2</del> 1
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

### Fall Semester

Semester	Credit Hours	Lecture	Lab
8500 Primary Care Clinic I	6		<del>4</del> 2 6
8520 Contact Lenses I	3	2	<del>2</del> 1
8540 Binocular Vision Anomalies	4	3	<del>2</del> 1
8550 Low Vision	2	1	<del>2</del> 1
8570 Advanced Topics in Ocular and Systemic Disease and Management	6	5	<del>2</del> 1
8650 Geriatric Optometry	2	2	

## Spring Semester

Semester	Credit Hours	Lecture	Lab
8600 Primary Care Clinic II	6		<del>4</del> 6
8610 Environmental Vision	2	2	
8620 Contact Lenses II	2	2	
8630 Practice Management III	3	3	
8640 Pediatric Optometry	2	2	
<b>8645 Neurologic Disorders of the Eye and Visual System</b>	<b>2</b>	<b>2</b>	
8660 Contact Lens Specialty Clinic	1		<del>2</del> 1
8670 Comprehensive Case Review and Analysis	1	1	
8680 Ophthalmic Lasers	1	1	
8690 Pediatric /Binocular Vision Specialty Clinic I	1		<del>2</del> 1

## Fourth Year

### 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

Semester	Credit Hours	Lecture	Lab
8730 Community Service Patient Care Rotation A	7		14
8750 Community Service Patient Care Rotation B	7		14
8760 Harvester Eye Center Patient Care	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

<u>OPTOM 8400</u>	Directed Readings	1-3
<u>OPTOM 8410</u>	Directed Research	1-3
<u>OPTOM 8420</u>	<u>Course OPTOM 8420 Not Found</u>	<u>2</u>
<u>OPTOM 8470</u>	<u>Course OPTOM 8470 Not Found</u>	<u>4</u>
<u>OPTOM 8910</u>	<u>Course OPTOM 8910 Not Found</u>	<u>3</u>
<u>OPTOM 8970</u>	Geriatric Patient Care Delivery	3-6

### ~~Graduate Vision Science Courses Approved for Elective Credit\*~~

<u>OPTOM 6400</u>	<u>Course OPTOM 6400 Not Found</u>	<u>3</u>
<u>OPTOM 6401</u>	<u>Course OPTOM 6401 Not Found</u>	<u>3</u>
<u>OPTOM 6402</u>	<u>Course OPTOM 6402 Not Found</u>	<u>3</u>
<u>OPTOM 6403</u>	<u>Course OPTOM 6403 Not Found</u>	<u>3</u>
<u>OPTOM 6404</u>	<u>Course OPTOM 6404 Not Found</u>	<u>3</u>
<u>OPTOM 6470</u>	<u>Course OPTOM 6470 Not Found</u>	<u>2</u>
<u>OPTOM 6490</u>	<u>Course OPTOM 6490 Not Found</u>	<u>4-15</u>
<u>OPTOM 6497</u>	<u>Course OPTOM 6497 Not Found</u>	<u>2</u>
<u>OPTOM 6499</u>	<u>Course OPTOM 6499 Not Found</u>	<u>4</u>

Sign-offs from other departments affected by this proposal

None

Rationale

**A course in neurologic disorders is being added to the spring semester of the third year effective in spring semester 2015.**