

Optometry, Doctor, Curriculum - Class of 2023

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

First Year

Fall Semester

Semester	Credit Hours	Lecture	Lab
8010 Anatomy, Physiology and Disease Processes I	4	3	1 2
8020 Basic and Clinical Optics I	4	3	1 2
8030 Introduction to Optometry	1	1	
8040 Neuroanatomy	4	3	1 2
8050 Basic and Applied Immunology	2	2	0
8060 Biochemistry	2	2	
8090 Case Based Discovery for the Developing Clinician	1	1	
8350 Epidemiology	2	2	
8080 Clinical Optometry I	2	1	2

Spring Semester

Semester	Credit Hours	Lecture	Lab
8090 Case-Based Discovery for the Developing Clinician	1	1	
8110 Anatomy, Physiology and Disease Processes II	5	4	1 2
8120 Basic and Clinical Optics II	5	4	1 2
8160 Anatomy and Physiology of the Eye	5	4	1 2
8180 Clinical Optometry I II	5	3	2 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	1 2
8230 Interpersonal Communications	2	2	
8240 Ocular Motility	2	2	
8250 Monocular Sensory Processes	5	4	1 2
8260 Foundations of Ocular and Systemic Disease and Management I	4	3	1 2
8280 Clinical Optometry II III	5 4	3 2	2 4

Spring Semester

Semester	Credit Hours	Lecture	Lab
8320 Ophthalmic Dispensing	1	1	2
8340 Binocular Vision and Space Perception	4	3	2
8370 Foundations of Ocular and Systemic Disease and Management III I	5	4	2
8380 Clinical Optometry III IV	2	1	2
8390 Specialty Clinic Laboratory	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 and Epidemiology	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	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
8610 Environmental Vision	2	2	
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
8870 Practice Management IV	2	2	
Fourth Rotation	7		7

Spring Semester

Semester	Credit Hours	Lecture	Lab
Fifth Rotation	7		7
Sixth Rotation	7		7
8880 Clinical Seminar	1	1	

Category 1 **UMSL UM-St. Louis**¹

Note: Must enroll in 8700, 8710 and 8720 concurrently

8700 UMSL Pediatric/Binocular Vision Patient Care	3
8710 UMSL Contact Lens Patient Care	3
8720 UMSL Eye Health Management Patient Care	1

¹ Must enroll in 8700, 8710 and 8720 concurrently

Category 2 Institutional

8780 External Rotation in Institutional Patient Care	7
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Category 3 Ocular Disease

8790 External Rotation in Ocular Disease Patient Care	7
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Category 4 **Intern Community**

8730 Community Service Patient Care Rotation A	7
8770 Community Service Patient Care Rotation C	7

Category 5 Specialty

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

Category 6 Elective

8830 External Rotation in General Patient Care	7
8840 External Supplementary Rotation in General Patient Care	7
8850 Supplementary Rotation in General Patient Care	7

Required Courses

8870 Practice Management IV	2
8880 Clinical Seminar	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 2023.