

Curriculum Addendum

Class of 2010[†]

First Year Fall Semester

	Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
8010 Anatomy, Physiology and Disease Processes I	5	4	2	-
8020 Geometric Optics	4	3	2	-
8030 Practice Management I	2	2	-	-
8040 Neuroanatomy	4	3	2	-
8090 Case Based Discovery for the Developing Clinician	1	1	-	-
8350 Epidemiology	2	2	-	-

First Year Winter Semester

	Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
8060 Biochemistry	3	3	-	-
8090 Case Based Discovery for the Developing Clinician	1	1	-	-
8110 Anatomy, Physiology and Disease Processes II	5	4	2	-
8120 Ocular Optics	4	3	2	-
8140 Physical Optics and Photometry	3	2	2	-
8160 Anatomy and Physiology of the Eye	4	3	2	-
8180 Clinical Optometry I	2	1	2	-

Second Year Fall Semester

	Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
8220 Ophthalmic Optics	4	3	2	-
8230 Interpersonal Communications	2	2	-	-
8240 Ocular Motility	4	3	2	-
8250 Monocular Sensory Processes	5	4	2	-
8260 Foundations of Ocular and Systemic Disease and Management I	3	3	-	-
8280 Clinical Optometry II	5	3	4	-

Second Year Winter Semester

	Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
8320 Ophthalmic Dispensing	1	-	2	-
8340 Binocular Vision and Space Perception	4	3	2	-
8370 Foundations of Ocular and Systemic Disease and Management II	7	6	2	-
8380 Clinical Optometry III	5	3	4	-
8560 Public Health	2	2	-	-

Third Year Fall Semester

	Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
8500 General Clinic I	6	-	-	12
8520 Contact Lenses I	3	2	2	-
8540 Binocular Vision Anomalies	4	3	2	-
8550 Low Vision	3	2	2	-
8570 Advanced Topics In Ocular and Systemic Disease Management	6	5	2	-

Third Year Winter Semester

	Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
8600 General Clinic II	6	-	-	12
8610 Environmental Vision	2	2	-	-
8620 Contact Lenses II	3	3	-	-
8630 Practice Management III	3	3	-	-
8640 Pediatric Optometry	3	3	-	-
8650 Geriatric Optometry	2	2	-	-
8660 Contact Lens Specialty Clinic	1	-	-	2
8670 Ocular Assessment	1	1	-	-
8680 Ophthalmic Lasers	1	1	-	-
8690 Pediatric /Binocular Vision Specialty Clinic I	1	-	-	2

Fourth Year Category 1 UM-St. Louis

	Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
8700 UM-St. Louis Pediatric/Binocular Vision Patient Care	3	-	-	6
8710 UM-St. Louis Contact Lens Patient Care	3	-	-	6
8720 UM-St. Louis Eye Health Management Patient Care	1	-	-	2

Fourth Year Category 2 Institutional

	Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
8780 External Rotation in Institutional Patient Care	7	-	-	14

Fourth Year Category 3 Ocular Disease

	Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
8790 External Rotation in Ocular Disease Patient Care	7	-	-	14

Fourth Year Category 4 Intern

	Credit Hours	Lecture Hours	Lab Hours [†]	Clinic Hours [†]
8730 Optometric Center Patient Care	7	-	-	14
8750 East St. Louis Patient Care	7	-	-	14
8760 Harvester Eye Center Patient Care	7	-	-	14
8770 Community Service in Rotation in Patient Care	7	-	-	14

[†] Due to advances in the optometric profession, sequencing of courses may change. The courses listed above are subject to change through normal academic procedures. This addendum lists curriculum changes that may affect your program sequencing.

[†] Every two (2) lab hours and every two (2) clinic hours is equivalent to one (1) credit hour.

Fourth Year Category 5 Specialty		Credit Hours	Lecture Hours	Lab Hours[†]	Clinic Hours[†]
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 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

Fourth Year Category 6 Elective		Credit Hours	Lecture Hours	Lab Hours[†]	Clinic Hours[†]
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

Fourth Year Required Courses		Credit Hours	Lecture Hours	Lab Hours[†]	Clinic Hours[†]
8870	Practice Management IV	2	2	-	-
8880	Clinic Seminar	1	1	-	-

Elective Courses in the College of Optometry

8400	Directed Readings
8410	Directed Research
8420	Ocular Photography
8440	Clinical Applications of Current Topics in Visual Science
8470	Case Studies in Ocular Disease

Graduate Vision Science Courses Approved for Elective Credit*

6400	Sensory Processes and Perception
6401	Visual Optics
6402	Ocular Anatomy and Physiology
6403	Psychophysical Methods and Experimental Design
6404	Sensory Neuroscience
6405	Neuroanatomy
6406	Geometric Optics
6455	Visual Information Processing
6458	Noninvasive Assessment of the Visual System
6459	Introduction to Computer Programming for Vision Research
6470	Individual Studies in Vision Science
6490	Graduate Research in Vision Science
6497	Interdisciplinary Geriatric Care
6499	Current Topics in Optometry and Vision Science