

Semester 1

Course ID	Course Title	Credits	Pre/Co-requisites
ENC 1101	English Composition I	3	Prerequisite: Student must meet the Developmental Education reading and writing requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption).
Humanities	ARH 1000 HUM 1020 LIT 2000 MUL 1010 PHI 2010 THE2000	3	Note: ENC 1101 is a prerequisite to LIT 2000.
Mathematics	MGF 1130	3	Prerequisite: Course, placement score, or eligible exemption.
Natural Science	BSC 1005 CHM 1020 PHY 1020	3	
AMH 2020 --or-- POS 2041	History of the US Since 1877 --or-- American Federal Government	3	
Computer Competency	CSP ---or--- CGS 1060C		Departmental Recommendation: Computer Skills Placement (CSP)
Semester Credits		15	

Semester 2 (In Milestone)

Course ID	Course Title	Credits	Pre/Co-requisites
OPT 1110	Physical and Geometric Optics	4	Corequisite: OPT 1205, 1330
OPT 1205	Ocular Anatomy, Physiology and Pathology	3	Corequisite: OPT 1110, 1330
OPT 1330	Clinical Data Collection 1	2	Corequisite: OPT 1110, 1205
Semester Credits		9	

Semester 3 (In Milestone)

Course ID	Course Title	Credits	Pre/Co-requisites
OPT 1150	Ophthalmic Lenses	2	Prerequisite: OPT 1110, 1205, 1330; Corequisite: OPT 1331, 1331L, 1450, 1450L, 2505, 2070L
OPT 1331	Clinical Data Collection 2	2	Prerequisite: OPT 1110, 1205, 1330; Corequisite: OPT 1150, 1331L, 1450, 1450L, 2505, 2070L
OPT 1331L	Clinical Data Collection 2 Lab	1	Prerequisite: OPT 1110, 1205, 1330; Corequisite: OPT 1150, 1331, 1450, 1450L, 2505, 2070L
OPT1450	Ophthalmic Dispensing Procedures 1	1	Prerequisite: OPT 1110, 1205, 1330; Corequisite: OPT 1150, 1331, 1331L, 1450L, 2505, 2070L
OPT 1450L	Ophthalmic Dispensing Procedures 1 Lab	1	Prerequisite: OPT 1110, 1205, 1330; Corequisite: OPT 1150, 1331, 1331L, 1450, 2505, 2070L
OPT 2505	Contact Lenses 1	3	Prerequisite: OPT 1110, 1205, 1330; Corequisite: OPT 1150, 1331, 1331L, 1450, 1450L, 2070L
OPT 2070L	Computers for Vision Care	1	Prerequisite: OPT 1110, 1205, 1330; Corequisite: OPT 1150, 1331, 1331L, 1450, 1450L, 2505
Semester Credits		11	

Semester 4 (In Milestone)

Course ID	Course Title	Credits	Pre/Co-requisites
OPT 2375	Refractometry	1	Prerequisite: OPT 1150, 1331, 1331L, 1450, 1450L, 2505, 2070L; Corequisite: OPT 2375L, 2420, 2420L, 2451, 2451L, 2506, 2506L, 2800L
OPT 2375L	Refractometry Lab	1	Prerequisite: OPT 1150, 1331, 1331L, 1450, 1450L, 2505, 2070L; Corequisite: OPT 2375, 2420, 2420L, 2451, 2451L, 2506, 2506L, 2800L
OPT 2420	Eyewear Fabrication 1	2	Prerequisite: OPT 1150, 1331, 1331L, 1450, 1450L, 2505, 2070L; Corequisite: OPT 2375, 2375L, 2420L, 2451, 2451L, 2506, 2506L, 2800L

OPT 2420L	Eyewear Fabrication 1 Lab	1	Prerequisite: OPT 1150, 1331, 1331L, 1450, 1450L, 2505, 2070L; Corequisite: OPT 2375, 2375L, 2420, 2451, 2451L, 2506, 2506L, 2800L
OPT 2451	Ophthalmic Dispensing Procedures 2	1	Prerequisite: OPT 1150, 1331, 1331L, 1450, 1450L, 2505, 2070L; Corequisite: OPT 2375, 2375L, 2420, 2420L, 2451L, 2506, 2506L, 2800L
OPT 2451L	Ophthalmic Dispensing Procedures 2 Lab	1	Prerequisite: OPT 1150, 1331, 1331L, 1450, 1450L, 2505, 2070L; Corequisite: OPT 2375, 2375L, 2420, 2420L, 2451, 2506, 2506L, 2800L
OPT 2506	Contact Lenses 2	2	Prerequisite: OPT 1150, 1331, 1331L, 1450, 1450L, 2505, 2070L; Corequisite: OPT 2375, 2375L, 2420, 2420L, 2451, 2451L, 2506L, 2800L
OPT 2506L	Contact Lenses 2 Lab	1	Prerequisite: OPT 1150, 1331, 1331L, 1450, 1450L, 2505, 2070L; Corequisite: OPT 2375, 2375L, 2420, 2420L, 2451, 2451L, 2506, 2800L
OPT 2800L	Vision Care Clinic 1	2	Prerequisite: OPT 1150, 1331, 1331L, 1450, 1450L, 2505, 2070L; Corequisite: OPT 2375, 2375L, 2420, 2420L, 2451, 2451L, 2506, 2506L
Semester Credits		12	

Semester 5 (In Milestone)

Course ID	Course Title	Credits	Pre/Co-requisites
OPT 2376L	Refractometry Lab II	1	Prerequisite: OPT 2375, 2375L, 2420, 2420L, 2451, 2451L, 2506, 2506L, 2800L; Corequisite: OPT 2421C, 2801L, 2830C, 2875L
OPT 2421C	Eyewear Fabrication 2	3	Prerequisite: OPT 2375, 2375L, 2420, 2420L, 2451, 2451L, 2506, 2506L, 2800L; Corequisite: OPT 2376L, 2801L, 2830C, 2875L
OPT 2801L	Vision Care Clinic 2	4	Prerequisite: OPT 2375, 2375L, 2420, 2420L, 2451, 2451L, 2506, 2506L, 2800L; Corequisite: OPT 2376L, 2421C, 2830C, 2875L
OPT 2830C	Contact Lens Clinic 1	2	Prerequisite: OPT 2375, 2375L, 2420, 2420L, 2451, 2451L, 2506, 2506L, 2800L; Corequisite: OPT 2376L, 2421C, 2801L, 2875L
OPT 2875L	Ophthalmic Dispensing Practicum 1	2	Prerequisite: OPT 2375, 2375L, 2420, 2420L, 2451, 2451L, 2506, 2506L, 2800L; Corequisite: OPT 2376L, 2421C, 2801L, 2830C
Semester Credits		12	

Semester 6 (In Milestone)

Course ID	Course Title	Credits	Pre/Co-requisites
OPT 2060	Ophthalmic Management Policy & Procedures	2	Prerequisite: OPT 2376L, 2421C, 2801L, 2830C, 2875L Corequisite: OPT 2377L, 2422C, 2802L, 2831L, 2876L
OPT 2377L	Refractometry Lab III	1	Prerequisite: OPT 2376L, 2421C, 2801L, 2830C, 2875L Corequisite: OPT 2060, 2422C, 2802L, 2831L, 2876L
OPT 2422C	Eyewear Fabrication 3	3	Prerequisite: OPT 2376L, 2421C, 2801L, 2830C, 2875L Corequisite: OPT 2060, 2377L, 2802L, 2831L, 2876L
OPT 2802L	Vision Care Clinic 3	4	Prerequisite: OPT 2376L, 2421C, 2801L, 2830C, 2875L Corequisite: OPT 2060, 2377L, 2422C, 2831L, 2876L
OPT 2831L	Contact Lens Clinic 2	1	Prerequisite: OPT 2376L, 2421C, 2801L, 2830C, 2875L Corequisite: OPT 2060, 2377L, 2422C, 2802L, 2876L
OPT 2876L	Ophthalmic Dispensing Practicum 2	2	Prerequisite: OPT 2376L, 2421C, 2801L, 2830C, 2875L Corequisite: OPT 2060, 2377L, 2422C, 2802L, 2831L
Semester Credits		13	
Program Total		72	

Academic Pathway at MDC: The AS in Opticianry is a pathway to the [BAS in Supervision and Management](#). Student must have successfully completed HSC 0003 – Introduction to Health Care (2.5 credits) and HSC 0003L – Introduction to Health Care Lab (.5 credits) prior to applying to the program. To learn more about the courses listed see [College Catalog](#).

Note Math Pathway Mathematical Thinking in Context