

**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<br>HUM 1020<br>LIT 2000<br>MUL 1010<br>PHI 2010<br>THE2000   | 3         | <b>Note:</b> ENC 1101 is a prerequisite to LIT 2000.   |
| Mathematics                    | MGF 1130  | 3         | Prerequisite: Course, placement score, or eligible exemption.  |
| Natural Science                | BSC 1005<br>CHM 1020<br>PHY 1020                                      | 3         |  |
| AMH 2020<br>--or--<br>POS 2041 | History of the US Since 1877<br>--or--<br>American Federal Government | 3         |  |
| Computer Competency            | CSP<br>---or---<br>CGS 1060C  |           | <b>Departmental Recommendation:</b> Computer Skills Placement (CSP)  |
| <b>Semester Credits</b>        |   | <b>15</b> |  |

**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 |
| <b>Semester Credits</b> |  | <b>9</b> |                             |

**Semester 3 (In Milestone)**

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

**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;<br>Corequisite: OPT 2375L, 2420, 2420L, 2451, 2451L, 2506, 2506L, 2800L |
| OPT 2375L | Refractometry Lab     | 1       | Prerequisite: OPT 1150, 1331, 1331L, 1450, 1450L, 2505, 2070L;<br>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;<br>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;<br>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;<br>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;<br>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;<br>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;<br>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;<br>Corequisite: OPT 2375, 2375L, 2420, 2420L, 2451, 2451L, 2506, 2506L  |
| <b>Semester Credits</b> |  | <b>12</b> |  |

#### 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;<br>Corequisite: OPT 2421C, 2801L, 2830C, 2875L |
| OPT 2421C               | Eyewear Fabrication 2             | 3         | Prerequisite: OPT 2375, 2375L, 2420, 2420L, 2451, 2451L, 2506, 2506L, 2800L;<br>Corequisite: OPT 2376L, 2801L, 2830C, 2875L |
| OPT 2801L               | Vision Care Clinic 2              | 4         | Prerequisite: OPT 2375, 2375L, 2420, 2420L, 2451, 2451L, 2506, 2506L, 2800L;<br>Corequisite: OPT 2376L, 2421C, 2830C, 2875L |
| OPT 2830C               | Contact Lens Clinic 1             | 2         | Prerequisite: OPT 2375, 2375L, 2420, 2420L, 2451, 2451L, 2506, 2506L, 2800L;<br>Corequisite: OPT 2376L, 2421C, 2801L, 2875L |
| OPT 2875L               | Ophthalmic Dispensing Practicum 1 | 2         | Prerequisite: OPT 2375, 2375L, 2420, 2420L, 2451, 2451L, 2506, 2506L, 2800L;<br>Corequisite: OPT 2376L, 2421C, 2801L, 2830C |
| <b>Semester Credits</b> |                                   | <b>12</b> |   |

#### 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<br>Corequisite: OPT 2377L, 2422C, 2802L, 2831L, 2876L |
| OPT 2377L               | Refractometry Lab III                     | 1         | Prerequisite: OPT 2376L, 2421C, 2801L, 2830C, 2875L<br>Corequisite: OPT 2060, 2422C, 2802L, 2831L, 2876L  |
| OPT 2422C               | Eyewear Fabrication 3                     | 3         | Prerequisite: OPT 2376L, 2421C, 2801L, 2830C, 2875L<br>Corequisite: OPT 2060, 2377L, 2802L, 2831L, 2876L  |
| OPT 2802L               | Vision Care Clinic 3                      | 4         | Prerequisite: OPT 2376L, 2421C, 2801L, 2830C, 2875L<br>Corequisite: OPT 2060, 2377L, 2422C, 2831L, 2876L  |
| OPT 2831L               | Contact Lens Clinic 2                     | 1         | Prerequisite: OPT 2376L, 2421C, 2801L, 2830C, 2875L<br>Corequisite: OPT 2060, 2377L, 2422C, 2802L, 2876L  |
| OPT 2876L               | Ophthalmic Dispensing Practicum 2         | 2         | Prerequisite: OPT 2376L, 2421C, 2801L, 2830C, 2875L<br>Corequisite: OPT 2060, 2377L, 2422C, 2802L, 2831L  |
| <b>Semester Credits</b> |   | <b>13</b> |   |
| <b>Program Total</b>    |   | <b>72</b> |   |

**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