This Guide is intended for the use of students who plan on transferring from Mineral Area College (MAC) with a completed Associate in Arts to the University of Missouri - St. Louis (UMSL) to pursue an undergraduate Pre-Optometry education in preparation for UMSL’s professional Doctor of Optometry program.

Pre-Optometry is not a major or a stand-alone degree program. Students may pursue a traditional path with a Bachelors degree followed by the four-year graduate Optometry degree. Alternatively, they can pursue a 3+4 program in which an undergraduate degree is granted when the student satisfactorily completes the first semester of the professional graduate program and has met all of the conditions for the specific undergraduate degree for which the student has applied. Students interested in this program must apply with UMSL’s Pre-Health advisor and maintain a GPA of 3.2. Some summer classes may be expected, and the student should be prepared to take the OAT by the end of their sophomore year. The UMSL Pre-Health Advisor can be reached at (314) 516-5501 and at southerlandj@umsl.edu. More information on being Pre-Optometry at UMSL can be found on the UMSL website.

For Pre-Optometry students who first attend MAC before transferring to UMSL, it is recommended that they pursue the Associate in Arts. Within the requirements of this program, students are encouraged to complete the following courses that apply in transfer to the prerequisites for UMSL’s professional Doctor of Optometry program:

**Biology**
- Introductory Biology I - BIO 2112 General Botany (5)
- Introductory Biology II - BIO 2122 General Zoology (5)

**Chemistry**
- Introductory Chemistry I - PHS 1350 General Chemistry I (5)
- Introductory Chemistry II - PHS 1390 General Chemistry II (4)
- Organic Chemistry I - PHS 2350 Organic Chemistry I (5)

**Mathematics**
- Trigonometry - MAT 1330 Trigonometry (3)
- Calculus - BUS 1600 Calculus for Business and Social Sciences (3) or MAT 1650 Analytic Geometry and Calculus I (5)

**Physics**
- Introductory or Advanced Physics I - PHS 1420 College Physics I (4) or PHS 2230 General Physics I (4)
- Introductory or Advanced Physics II - PHS 1440 College Physics II (4) or PHS 2240 General Physics II (4)

**Psychology**
- General Psychology - PSY 1130 General Psychology I (3)

For questions please contact Tami Davenport at (575) 518-2324 or at davenportt@umsl.edu.

The information in this Transfer Guide is in accordance with the published 2016/2017 Course Catalogs of both UMSL and MAC.