PRE-OPTOMETRY

UNIVERSITY OF MISSOURI – ST. LOUIS & ST. CHARLES COMMUNITY COLLEGE
TRANSFER GUIDE

This Guide is intended for the use of students who plan on transferring from St. Charles Community College (SCCC) 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 Bachelor’s 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 mcgrawd@umsl.edu. More information on being Pre-Optometry at UMSL can be found on the UMSL website.

For Pre-Optometry students who first attend SCCC before transferring to UMSL, it is recommended that they pursue the Associate in Arts in General Transfer Studies. 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**
- BIO 150 General Biology I (MOTR BIOL 150L) (5)
- BIO 151 General Biology II (5)
- BIO 246 Microbiology (4)

**Chemistry**
- CHM 115 General Chemistry I (MOTR CHEM 150L) (5)
- CHM 116 General Chemistry II (5)
- CHM 240 Organic Chemistry I (3)
- CHM 241 Organic Chemistry II (3)
- CHM 243 Organic Chemistry Laboratory (2)

**Mathematics**
- MAT 150 Trigonometry (3), or MAT 171 Pre-Calculus Mathematics (MOTR MATH 150) (6)
- MAT 210 Survey Calculus (4) or MAT 180 Calculus and Analytic Geometry I (5)

**Physics**
- PHY 150 General Physics I (MOTR PHYS 200L) (3)
- PHY 153 General Physics I Laboratory (MOTR PHYS 200L) (1)
- PHY 151 General Physics II (3)
- PHY 154 General Physics II Laboratory (1) or,
- PHY 250 Engineering Physics I (MOTR PHYS 200L) (5)
- PHY 251 Engineering Physics II (5)

The information in this Transfer Guide is in accordance with the published 2020-2021 Course Catalogs of both UMSL and SCCC.
Pre-Optometry

Psychology

☐ PSY 101 Introduction to Psychology (MOTR PSYC 100) (3)

For any questions regarding this guide please call the Office of Admissions at 314-516-5451