This Guide is intended for the use of students who plan on transferring from St. Charles Community College (SCC) to the University of Missouri – St. Louis (UMSL) to pursue a Pre-Health education in preparation for graduate work in the Health Sciences. This Track of study, called Pre-Health, includes pre-Med, Pre-Dental, Pre-Veterinary, Pre-Occupational Therapy, Pre-Physical Therapy, Pre-Physician Assistant, Pre-Clinical Lab Science, and Pre-Podiatry.

Pre-Health is not a major or a stand-alone degree program. Instead, Pre-Health students choose to pursue a Bachelor’s degree in any area of study. The Pre-Health Track is a set of undergraduate courses and academic benchmarks that students will need to satisfy in order to pursue a graduate program with another institution. UMSL Pre-Health students work with the Pre-Health Advisor who will help them select the right courses within or in addition to their Bachelors degree’s requirements, prepare for and complete the appropriate entrance exams, and to explore the various professional healthcare schools and programs available, as well as those schools’ application processes and requirements. There are also a number of student organizations at UMSL for Pre-Health students that focus on increasing students’ preparedness. More information on being Pre-Health at UMSL, as well as tools for all Pre-Health students, can be found on the UMSL website.

For Pre-Health students who first attend SCC 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 also encouraged to complete courses that apply in transfer to their chosen UMSL Bachelor’s Degree as well to begin the prerequisites for their chosen professional healthcare field.

For course recommendations specific to your chosen UMSL Bachelor’s Degree, please refer to the appropriate UMSL/SCC Transfer Guide for that major found here.

Course recommendations for specific professional healthcare fields can vary depending on the area of healthcare you are pursuing. Below is a list of some of the common prerequisites and the SCC courses that fulfill them. It is recommended that you contact the UMSL Pre-Health Advisor, David McGraw, for assistance in selecting appropriate courses as part of your SCC Associates degree, as well as for additional information regarding being a Pre-Health student. He can be reached at mcgrawd@umsl.edu

**BIOLOGY**
- BIO 150 General Biology I (MOTR BIOL 150L) (5)
- BIO 151 General Biology II (5)
- BIO 250A/B Anatomy and Physiology I (MOTR LIFS 150L) (4)
- 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**
- Complete 1 of the following College Algebra Courses
  - MAT 156 College Algebra – Educators (4)
  - MAT 158 College Algebra – General Education (MOTR MATH 130) (4),
  - Or MAT 171 Pre-Calculus Mathematics (MOTR MATH 150) (6)
- 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)

The information in this Transfer Guide is in accordance with the published 2021-2022 Course Catalogs of both UMSL and SCC.
PRE-HEALTH

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)

SOCIAL SCIENCES & HUMANITIES
- PHL 102 Introduction to Logic (MOTR PHIL 101) (3)
- PSY 101 Introduction to Psychology (MOTR PSYC 100) (3)
- PSY 210 Human Growth and Development (MOTR PSYC 200) (3)
- SOC 101 Introduction to Sociology (MOTR SOCI 101) (3)

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

The information in this Transfer Guide is in accordance with the published 2021-2022 Course Catalogs of both UMSL and SCC