This Guide is intended for the use of students who plan on transferring from St. Louis Community College (STLCC) 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-Pharmacy, 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.

For Pre-Health students who first attend ECC 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.

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 STLCC 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 STLCC Associates degree, as well as for additional information regarding being a Pre-Health student. He can be reached at mcgrawd@umsl.edu.

### BIOLOGY
- Introductory Biology I - BIO 121 Principles of Biology I Lecture & Lab (5)
- Introductory Biology II - BIO 122 Principles of Biology II (5)
- Microbiology - BIO 208 - General Microbiology Lecture & Lab (4)
- Anatomy & Physiology - BIO 206 - Human Anatomy & Physiology I Lecture & Lab (4)

### CHEMISTRY
- Introductory Chemistry I - CHM 111 General Chemistry I (5)
- Introductory Chemistry II - CHM 112 General Chemistry II (5)
- Organic Chemistry I - CHM 205 - Organic Chemistry I Lecture & Lab (5)
- Organic Chemistry II - CHM 206 - Organic Chemistry II Lecture & Lab (5)

### MATHEMATICS
- College Algebra - MTH 170 College Algebra
- Trigonometry - MTH 171 Trigonometry (3)
- Calculus - MTH 180 Basic Calculus (3) or MTH 190 - Analytic Geometry & Calculus I (5)

### PHYSICS
- Introductory or Advanced Physics I - PHY 111 - College Physics I Lecture (3) & PHY 112 - College Physics I Lab (2)
- Introductory or Advanced Physics II - PHY 121 - College Physics II Lecture (3) & PHY 122 - College Physics II Lab (2)
- Or
- PHY 211 - General Physics I Lecture (3) & PHY 212 - General Physics I Lab (2)
- PHY 221 - General Physics II Lecture (3) & PHY 222 - General Physics II Lab (2)

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