



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 (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-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 Bachelors 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 of Arts. Within the requirements of this program, students are also encouraged to complete courses that apply in transfer to their chosen UMSL Bachelors Degree as well to begin the prerequisites for their chosen professional healthcare field.

For course recommendations specific to your chosen UMSL Bachelors 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, Joe Southerland, 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 [southerlandj@umsl.edu](mailto:southerlandj@umsl.edu).

### **Biology**

- Introductory Biology I - BIO 150 General Biology I (5)
- Introductory Biology II - BIO 151 General Biology II (5)
- Anatomy & Physiology - - BIO 250A&B Anatomy and Physiology I (4)

### **Chemistry**

- Introductory Chemistry I - CHM 115 General Chemistry I (5)
- Introductory Chemistry II - CHM 116 General Chemistry II (5)
- Organic Chemistry I - CHM 240 Organic Chemistry I (3)
- Organic Chemistry II - CHM 241 Organic Chemistry II (3)
- Organic Chemistry Laboratory - CHM 243 Organic Chemistry Laboratory (2)

### **Mathematics**

- College Algebra - MAT 162 College Algebra- STEM (4) or MAT 171 Pre-Calculus Mathematics (6)
- Trigonometry - MAT 150 Trigonometry (3) or MAT 171 Pre-Calculus Mathematics (6)
- Calculus - MAT 180 Calculus & Analytic Geometry I (5) or MAT 210 Survey Calculus (4)

## PRE-HEALTH

### Physics

- Introductory or Advanced Physics I - PHY 150&153 General Physics I (4) or PHY 250 Engineering Physics I (5)
- Introductory or Advanced Physics II - PHY 151&154 General Physics II(4) or PHY 251 Engineering Physics II(5)

### Social Sciences & Humanities

- Introductory Logic - PHL 102 Introduction to Logic (3)
- General Psychology - PSY 101 Introduction to Psychology (3)
- Human Growth & Development Psychology - PSY 210 Human Growth & Development (3)
- Sociology - SOC 101 Introduction to Sociology (3)

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For any questions regarding this guide please contact the UMSL Office of Transfer Services at (314) 516-5162.