



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



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 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 STLCC 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 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/STLCC 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 STLCC 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 STLCC 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 140 Principles of Biology I (4)
- Introductory Biology II - BIO 141 Principles of Biology II (4)
- Genetics - BIO 225 Genetics (5)
- Microbiology - BIO 218 Microbiology for Biotechnology (4)
- Anatomy & Physiology - BIO 207 Anatomy & Physiology I (4)

## **Chemistry**

- Introductory Chemistry I - CHM 105 General Chemistry I (5)
- Introductory Chemistry II - CHM 106 General Chemistry II (5)
- Organic Chemistry I - CHM 206 Organic Chemistry Lecture I (3)
- Organic Chemistry II - CHM 207 Organic Chemistry Lecture II (3)
- Organic Chemistry Laboratory - CHM 210 Organic Chemistry Lab I (2)

# PRE-HEALTH

## Mathematics

- College Algebra - MTH 160 College Algebra (4) or MTH 185 Precalculus (5)
- Trigonometry - MTH 170 Trigonometry (3) or MTH 185 Precalculus (5)
- Calculus - MTH 186 Survey of Calculus (4) or MTH 210 Analytic Geometry & Calculus I (5)

## Physics

- Introductory or Advanced Physics I - PHY 111 College Physics I (4) or PHY 122 Engineering Physics I (5)
- Introductory or Advanced Physics II - PHY 112 College Physics I (4) or PHY 223 Engineering Physics I (5)

## Social Sciences & Humanities

- Introductory Logic - PHL 102 Introduction to Logic (3)
- Bioethics - PHL 109 Bio-Medical Ethics (3)
- General Psychology - PSY 200 General Psychology (3)
- Human Growth & Development Psychology - PSY 205 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.