



UNIVERSITY OF MISSOURI – ST. LOUIS & MINERAL AREA COLLEGE TRANSFER GUIDE



This Guide is intended for the use of students who plan on transferring from Mineral Area College (MAC) 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 MAC before transferring to UMSL, it is recommended that they pursue the Associate in 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/MAC 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 MAC 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 MAC Associates degree, as well as for additional information regarding being a Pre-Health student. He can be reached at (314) 516-5501 and at southerlandj@umsl.edu.

Biology

- Introductory Biology I - BIO 2112 General Botany (5)
- Introductory Biology II - BIO 2122 General Zoology (5)
- Anatomy & Physiology - BIO 2600 Human Anatomy (5) and BIO 2620 Human Physiology (5)

Chemistry

- Introductory Chemistry I - PHS 1350 General Chemistry I (5)
- Introductory Chemistry II - PHS 1390 General Chemistry II (4)
- Organic Chemistry I - PHS 2350 Organic Chemistry I (5)
- Organic Chemistry II - PHS 2360 Organic Chemistry II (5)
- Organic Chemistry Laboratory - PHS 2350 Organic Chemistry I (5) and PHS 2360 Organic Chemistry II (5)

PRE-HEALTH

Mathematics

- College Algebra - MAT 1230 College Algebra (3)
- Trigonometry - MAT 1330 Trigonometry (3)
- Calculus - BUS 1600 Calculus for Business and Social Sciences (3) or MAT 1650 Analytic Geometry and Calculus I (5)

Physics

- Introductory or Advanced Physics I - PHS 1420 College Physics I (4) or PHS 2230 General Physics I (4)
- Introductory or Advanced Physics II - PHS 1440 College Physics II (4) or PHS 2240 General Physics II (4)

Social Sciences & Humanities

- General Psychology - PSY 1130 General Psychology I (3)
- Human Growth & Development Psychology - PSY 1250 Human Growth and Development (3)
- Sociology - SOC 1130 General Sociology (3)

For questions please contact Tami Davenport at (575) 518-2324 or at davenportt@umsl.edu.