This Guide is intended for the use of students who plan on transferring from Jefferson College (JeffCo) 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 JeffCo 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/JeffCo 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 JeffCo 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 JeffCo 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 205 General Botany (5)
- Introductory Biology II - BIO 206 General Zoology (5)
- Anatomy & Physiology - BIO 211 Anatomy and Physiology I (4)

**Chemistry**
- Introductory Chemistry I - CHM 111 General Chemistry I (5)
- Introductory Chemistry II - CHM 112 General Chemistry II (5)
- Organic Chemistry I - CHM 200 Organic Chemistry I (5)
- Organic Chemistry II - CHM 201 Organic Chemistry II (5)
- Organic Chemistry Laboratory - CHM 200 Organic Chemistry I (5)

**Mathematics**
- College Algebra - MTH 134 College Algebra (3) or MTH 141 Precalculus (5)
- Trigonometry - MTH 133 Trigonometry (3) or MTH 141 Precalculus (5)
- Calculus - MTH 161 Calculus for Business and the Social Sciences (3) or MTH 180 Calculus I (5)

The information in this Transfer Guide is in accordance with the published 2016/2017 Course Catalogs of both UMSL and JeffCo.
Physics
☐ Introductory or Advanced Physics I - PHY 111 Elementary Physics I (5) or PHY 223 General Physics I (5)
☐ Introductory or Advanced Physics II - PHY 112 Elementary Physics II (4) or PHY 224 General Physics II (5)

Social Sciences & Humanities
☐ Introductory Logic - PHL 101 Logic (3)
☐ Bioethics - PHL 203 Medical Ethics (3)
☐ General Psychology - PSY 101 General Psychology (3)
☐ Human Growth & Development Psychology - PSY 205 Human Development (3)
☐ Sociology - SOC 101 General Sociology (3)

For any questions regarding this guide please contact Sue Bateman at batemans@umsl.edu.