



UNIVERSITY OF MISSOURI – ST. LOUIS & SOUTHWESTERN ILLINOIS COLLEGE TRANSFER GUIDE



This Guide is intended for the use of students who plan on transferring from Southwestern Illinois College (SWIC) 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 SWIC before transferring to UMSL, it is recommended that they pursue the Associate in Science or 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/SWIC 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 SWIC 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 SWIC 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 - BIOL 101 Principles of Biology I (4)
- Introductory Biology II - BIOL 102 Principles of Biology II (4)
- Genetics - BIOL 270 Genetics (4)
- Microbiology - BIOL 250 Microbiology (4)
- Anatomy & Physiology - BIO 207 Anatomy & Physiology I (4)

Chemistry

- Introductory Chemistry I - CHEM 105 General Chemistry I (5)
- Introductory Chemistry II - CHEM 106 General Chemistry II (5)
- Organic Chemistry I - CHEM 201 Organic Chemistry I (5)
- Organic Chemistry II - CHEM 201 Organic Chemistry I (5)
- Organic Chemistry Laboratory - CHEM 201 Organic Chemistry I (5)

PRE-HEALTH

Mathematics

- College Algebra - MATH 112 College Algebra (4)
- Trigonometry - MATH 114 Trigonometry (3)
- Calculus - MATH 203 Analytic Geometry & Calculus I (5) or MATH 213 Calc. for Business & Social Science (4)

Physics

- Introductory or Advanced Physics I - PHYS 151 College Physics I (5) or PHYS 204 Physics – Mechanics (4)
- Introductory or Advanced Physics II - PHYS 152 College Physics II (5) or PHYS 205 Heat, Elec & Magnetism (4)

Social Sciences & Humanities

- Introductory Logic - PHIL 151 Introductory Logic (3)
- Bioethics - PHIL 156 Biomedical Ethics (3)
- General Psychology - PSYC 151 General Psychology (3)
- Human Growth & Development Psychology - PSYC 210 Life-Span Development (3)
- Sociology - SOC 153 Introductory Sociology (3)

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