

## Southern Illinois University Edwardsville School of Pharmacy Curriculum Guide

Murray State University	SIUE Pre-Pharmacy Curriculum
BIO115 – The Cellular Basis of Life <b>AND</b> <i>Select One:</i> BIO221 – Zoology: Animal Form and Function BIO222 – Botany: Plant Form and Function	Biology I with Lab Biology II with Lab
<i>Select a track:</i> BIO227 – Human Anatomy Lecture <i>and</i> BIO228 – Human Anatomy Laboratory <i>and</i> BIOL229 – Human Physiology Lecture <i>and</i> BIOL230 – Human Physiology Laboratory <b>OR</b> BIO322 – Animal Physiology <i>and</i> BIO320 – Comparative Vertebrate Anatomy	Anatomy and Physiology I with Lab Anatomy and Physiology II with Lab
BIO300 – Introductory Microbiology	Microbiology
CHE201 – General College Chemistry	General Chemistry I with Lab
CHE202 – General Chemistry and Qualitative Analysis	General Chemistry II with Lab
CHE310 – Organic Chemistry I	Organic Chemistry I
CHE320 – Organic Chemistry II	Organic Chemistry II
CHE311 – Organic Chemistry I Laboratory CHE325 – Organic Chemistry II Laboratory	Organic Chemistry Lab
MAT250 – Calculus and Analytic Geometry I	Calculus I
STA135 – Introduction to Probability and Statistics	Statistics
PHY130 – General Physics I PHY131 – General Physics I Laboratory	College Physics I
ENG105 – Critical Reading, Writing, and Inquiry	English Composition I
<i>Writing Intensive Course</i>	English Composition II
<i>Select One:</i> COM161 – Introduction to Public Speaking COM131 – Introduction to Interpersonal Communication	Speech Communication
<i>Select One:</i> ECO230 – Macroeconomics ECO231 – Microeconomics	Economics (macro or micro)
<i>Several Courses Available</i>	Philosophy
<i>Select One:</i> PSY180 – General Psychology SOC133 – Introduction to Sociology	Social/Behavioral Science

Completion of the pre-pharmacy course requirements does not guarantee admission to the SIUE School of Pharmacy. In addition, courses that will meet the SIUE pre-pharmacy requirements may not meet the requirements for completion of other majors at SIUE. Students who plan to pursue an Associate's degree at a community college or a Bachelor's degree at SIUE should consult an academic advisor with regard to applicability of courses toward degree requirements. Students who are not admitted to the School of Pharmacy, or who change career paths, may take longer than four years to complete the Bachelor's Degree.

Students who have earned degrees (Associates, Bachelors, Masters, Doctoral Degrees) are still required to complete the pre-pharmacy curriculum equivalencies. All students should meet with an academic advisor in the SIUE School of Pharmacy to discuss applicability of coursework.