

## Southern Illinois University Edwardsville School of Pharmacy Curriculum Guide

| University of Illinois at Chicago   | SIUE Pre-Pharmacy Curriculum                                  |
|---|---|
| BIOS 110 – Biology of Cells and Organisms   | Biology I with Lab  |
| BIOS 120 – Biology of Populations & Communities   | Biology II with Lab   |
| KN 251 – Human Physiological Anatomy I  | Anatomy and Physiology I with Lab                             |
| KN 252 – Human Physiological Anatomy II   | Anatomy and Physiology II with Lab                            |
| BIOS 350 – General Microbiology   | Microbiology  |
| CHEM 116 – Honors and Majors General College Chemistry I <b>AND</b><br>CHEM 118 – Honors and Majors General College Chemistry II<br><b>OR</b><br>CHEM 122/123 – General Chemistry I <b>AND</b><br>CHEM 124/125 – General Chemistry II | General Chemistry I with Lab<br>General Chemistry II with Lab |
| CHEM 232 – Organic Chemistry I  | Organic Chemistry I   |
| CHEM 234 – Organic Chemistry II   | Organic Chemistry II  |
| CHEM 233 – Organic Chemistry Laboratory I   | Organic Chemistry Lab   |
| <i>Select One:</i><br>MATH 180 – Calculus I<br>MATH 170 – Calculus for the Life Sciences  | Calculus I  |
| STAT 130 – Introduction to Statistics for the Life Sciences   | Statistics  |
| PHYS 131 – Introductory Physics for Life Sciences I   | College Physics I   |
| ENGL 160 – Academic Writing I: Writing in Academic and Public Contexts  | English Composition I   |
| ENGL 161 – Academic Writing II: Writing for Inquiry and Research  | English Composition II  |
| <i>Select One:</i><br>COMM 102 – Intro to Interpersonal Communication<br>COMM 100 – Fundamentals of Human Communication   | Speech Communication  |
| <i>Select One:</i><br>ECON 121 – Principles of Macroeconomics<br>ECON 120 – Principles of Microeconomics  | Economics (macro or micro)                                    |
| <i>Several Courses Available</i>  | Philosophy  |
| <i>Select One:</i><br>PSCH 100 – Introduction to Psychology<br>SOC 100 – 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.