**Southern Illinois University Edwardsville**  
**School of Pharmacy Curriculum Guide**

<table>
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<tr>
<th>Murray State University</th>
<th>SIUE Pre-Pharmacy Curriculum</th>
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| BIO115 – The Cellular Basis of Life **AND** | Biology I with Lab  
**Select One:** | Biology II with Lab  
BIO221 – Zoology: Animal Form and Function  
BIO222 – Botany: Plant Form and Function |  |
| **Select a track:** | Anatomy and Physiology I with Lab  
Anatomy and Physiology II with Lab  
**OR** |  
BIO227 – Human Anatomy Lecture and  
BIO228 – Human Anatomy Laboratory and  
BIOL229 – Human Physiology Lecture and  
BIOL230 – Human Physiology Laboratory |  
BIO322 – Animal Physiology and  
BIO320 – Comparative Vertebrate Anatomy |  |
| 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 |
| **Writing Intensive Course** | English Composition II |
| **Select One:** | Speech Communication  
COM161 – Introduction to Public Speaking  
COM131 – Introduction to Interpersonal Communication |  |
| **Select One:** | Economics (macro or micro)  
ECO230 – Macroeconomics  
ECO231 – Microeconomics |  |
| **Several Courses Available** | Philosophy |
| **Select One:** | Social/Behavioral Science  
PSY180 – General Psychology  
SOC133 – Introduction to Sociology |  |

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.

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