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

<table>
<thead>
<tr>
<th>McKendree University</th>
<th>SIUE Pre-Pharmacy Curriculum</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 110 – Principles of Cellular and Molecular Biology</td>
<td>Biology I with Lab</td>
</tr>
<tr>
<td>BIO 111 – Principles of Organismal and Population Biology</td>
<td>Biology II with Lab</td>
</tr>
<tr>
<td>BIO 308 – Human Anatomy and Physiology I</td>
<td>Anatomy and Physiology I with Lab</td>
</tr>
<tr>
<td>BIO 309 – Human Anatomy and Physiology II</td>
<td>Anatomy and Physiology II with Lab</td>
</tr>
<tr>
<td>BIO 311 – Microbiology</td>
<td>Microbiology</td>
</tr>
<tr>
<td>CHE 105 – General Chemistry I</td>
<td>General Chemistry I with Lab</td>
</tr>
<tr>
<td>CHE 106 – General Chemistry II</td>
<td>General Chemistry II with Lab</td>
</tr>
<tr>
<td>CHE 205 – Organic Chemistry I</td>
<td>Organic Chemistry I</td>
</tr>
<tr>
<td>CHE 206 – Organic Chemistry II</td>
<td>Organic Chemistry II</td>
</tr>
<tr>
<td>CHE 205 and 206 include labs</td>
<td>Organic Chemistry Lab</td>
</tr>
<tr>
<td>MTH 210 – Calculus I</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MTH 170 – Statistics</td>
<td>Statistics</td>
</tr>
<tr>
<td>PHY 211 – Physics I</td>
<td>College Physics I</td>
</tr>
<tr>
<td>ENG 111 – English I: Academic Writing</td>
<td>English Composition I</td>
</tr>
<tr>
<td>ENG 112 – English II: Research and Writing</td>
<td>English Composition II</td>
</tr>
<tr>
<td><strong>Select One:</strong></td>
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<tr>
<td>COM 100 – Fundamentals of Communication</td>
<td>Speech Communication</td>
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<tr>
<td>COM 220 – Public Speaking</td>
<td></td>
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<td><strong>Select One:</strong></td>
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<tr>
<td>ECO 212 – Principles of Macroeconomics</td>
<td>Economics (macro or micro)</td>
</tr>
<tr>
<td>ECO 211 – Principles of Microeconomics</td>
<td></td>
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<tr>
<td><strong>Several Courses Available</strong></td>
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<tr>
<td>PSY 153 – Introduction to Psychology</td>
<td>Social/Behavioral Science</td>
</tr>
<tr>
<td>SOC 150 – Introduction to Sociology</td>
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</tbody>
</table>

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.

Revised August 2020