### Missouri University of Science and Technology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>SIUE Pre-Pharmacy Curriculum</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 1213</td>
<td>Principles of Biology AND</td>
<td>Biology I with Lab</td>
</tr>
<tr>
<td>BIO SCI 1219</td>
<td>General Biology Lab</td>
<td></td>
</tr>
<tr>
<td>BIO SCI 1223</td>
<td>Biodiversity AND</td>
<td>Biology II with Lab</td>
</tr>
<tr>
<td>BIO SCI 1229</td>
<td>Biodiversity Lab</td>
<td></td>
</tr>
<tr>
<td>BIO SCI 1943</td>
<td>Intro to Human Anatomy &amp; Physiology I</td>
<td>Anatomy and Physiology I with Lab</td>
</tr>
<tr>
<td>BIO SCI 1953</td>
<td>Intro to Human Anatomy &amp; Physiology II</td>
<td>Anatomy and Physiology II with Lab</td>
</tr>
<tr>
<td>BIO SCI 3313</td>
<td>Microbiology</td>
<td>Microbiology</td>
</tr>
<tr>
<td>CHEM 1310</td>
<td>General Chemistry I AND</td>
<td>General Chemistry I with Lab</td>
</tr>
<tr>
<td>CHEM 1320</td>
<td>General Chemistry II AND</td>
<td>General Chemistry II with Lab</td>
</tr>
<tr>
<td>CHEM 1319</td>
<td>General Chemistry Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 2210</td>
<td>Organic Chemistry I AND</td>
<td>Organic Chemistry I with Lab</td>
</tr>
<tr>
<td>CHEM 2219</td>
<td>Organic Chemistry I Lab</td>
<td></td>
</tr>
<tr>
<td>CHEM 2220</td>
<td>Organic Chemistry II AND</td>
<td>Organic Chemistry II with Lab</td>
</tr>
<tr>
<td>CHEM 2229</td>
<td>Organic Chemistry II Lab</td>
<td></td>
</tr>
<tr>
<td>MATH 1208</td>
<td>Calculus with Analytic Geometry I</td>
<td>Calculus I</td>
</tr>
<tr>
<td>Select One:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STAT 3117</td>
<td>Intro to Probability and Statistics</td>
<td>Statistics</td>
</tr>
<tr>
<td>STAT 1111</td>
<td>Business and Economic Statistics I</td>
<td></td>
</tr>
<tr>
<td>PHYS 1111</td>
<td>General Physics I AND</td>
<td>College Physics I</td>
</tr>
<tr>
<td>PHYS 1119</td>
<td>General Physics Lab</td>
<td></td>
</tr>
<tr>
<td>ENGLISH 1120</td>
<td>Exposition and Argumentation</td>
<td>English Composition I</td>
</tr>
<tr>
<td>ENGLISH 1160</td>
<td>Writing and Research</td>
<td>English Composition II</td>
</tr>
<tr>
<td>SP&amp;M S 1185</td>
<td>Principles of Speech</td>
<td>Speech Communication</td>
</tr>
<tr>
<td>Select One:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 1200</td>
<td>Principles of Macroeconomics</td>
<td>Economics (macro or micro)</td>
</tr>
<tr>
<td>ECON 1100</td>
<td>Principles of Microeconomics</td>
<td></td>
</tr>
<tr>
<td>Several Courses Available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYCH 1101</td>
<td>General Psychology</td>
<td>Social/Behavioral Science</td>
</tr>
</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 2021