Sample Premedical Schedule:
Biochemistry Major

4-Year Option – Glide Year (Premed Courses Bolded)

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CHEM 121 + 123</td>
<td>CHEM 124 + 126</td>
<td>4.0</td>
</tr>
<tr>
<td></td>
<td>BIOL 115</td>
<td>BIOL 116</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MLL</td>
<td>MLL</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>BIOL 263</td>
<td>CHEM 231 + 233</td>
<td>4.0</td>
</tr>
<tr>
<td></td>
<td>BIOL 109</td>
<td>BIOL 110</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATH</td>
<td>MATH</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENGL</td>
<td>ENGL</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>CHEM 232 + 234</td>
<td>CHEM 256</td>
<td>4.25</td>
</tr>
<tr>
<td></td>
<td>ADV CHEM (335)</td>
<td>ADV CHEM/BIOL Lab</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Social Science</td>
<td>ADV CHEM Lab (371)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fine Art</td>
<td>Social Science</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>PHYS + Lab</td>
<td>PHYS + Lab</td>
<td>4.0</td>
</tr>
<tr>
<td></td>
<td>ADV CHEM/BIOL Lab</td>
<td>ADV CHEM/BIOL Lab</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHEM 475</td>
<td>Fine Art</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ADV CHEM (341)</td>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>MCAT</td>
<td></td>
</tr>
</tbody>
</table>

**Degree Audit:**
Major - Yes
Credits Total (16) – 16.25
Credits Outside Major Department (9 or 7) – 8 (if electives are not CHEM or BIOL classes)
Distribution (1.0 in each, FA, HU, SS, NS) - Yes
Foreign Language – Yes
QR - Yes

**Notes:** This schedule assumes that the student needs to meet the language requirement. If they have met that requirement, additional electives would take their place. This schedule also assumes that the student did not have an AP 4/5 in Biology. If they did have an AP 4/5 in biology they could start with BIOL 116 and select another relevant biology course to satisfy premed requirements and prepare for the MCAT. This schedule assumes the student did not have an AP 4/5 in Chemistry. If they did have an AP 4/5 in Chemistry the accelerated chemistry sequence could be elected (starting with CHEM 122 + 123).
Sample Premedical Schedule:

Biochemistry Major (Required Courses for major in red)

3-Year Option – No Glide Year (Premed Courses Bolded)

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CHEM 122 + 123 &lt;br&gt; BIOL 115 + 109 &lt;br&gt; ENGL</td>
<td>CHEM 231 + 233 &lt;br&gt; BIOL 116 + 110 &lt;br&gt; ENGL</td>
<td>4.0</td>
</tr>
<tr>
<td>2</td>
<td>CHEM 232 + 234 &lt;br&gt; BIOL 263 &lt;br&gt; MATH &lt;br&gt; Social Science</td>
<td>CHEM 256 &lt;br&gt; ADV CHEM Lab (371) &lt;br&gt; MATH &lt;br&gt; Social Science</td>
<td>4.0</td>
</tr>
<tr>
<td>3</td>
<td>ADV CHEM (335) &lt;br&gt; ADV CHEM Lab &lt;br&gt; PHYS + Lab &lt;br&gt; Elective</td>
<td>ADV BIOL or CHEM Lab &lt;br&gt; PHYS + Lab &lt;br&gt; Elective &lt;br&gt; Fine Art</td>
<td>4.0 MCAT</td>
</tr>
<tr>
<td>4</td>
<td>ADV CHEM (243) &lt;br&gt; ADV CHEM (341) &lt;br&gt; CHEM 475 &lt;br&gt; Fine Art</td>
<td>ADV BIOL or CHEM Lab &lt;br&gt; Elective &lt;br&gt; Elective &lt;br&gt; Elective</td>
<td>4.0</td>
</tr>
</tbody>
</table>

Degree Audit:
Major - Yes
Credits Total (16) – 16
Credits Outside Major Department (9 or 7) – 8 (if electives are not CHEM or BIOL classes)
Distribution (1.0 in each, FA, HU, SS, NS) - Yes
Foreign Language – No (assumes student is proficient on arrival)
QR - Yes

Notes: This schedule assumes that the student does not need to meet the language requirement. This schedule also assumes that the student did not have an AP 4/5 in Biology. If they did have an AP 4/5 in biology they could start with BIOL 116 and select another relevant biology course to satisfy premed requirements and prepare for the MCAT. This schedule assumes that the student enters Kenyon with a Chemistry AP score of 4/5 or is qualified to enter CHEM 122 and given permission by the instructor.
Descriptive Suggestions for Biochemistry Majors

- Because behavioral science is covered on the MCAT, selecting appropriate sociology and psychology courses is recommended. (See the Guide to Pre-Health Courses at Kenyon (PDF) for a current list of appropriate courses.)
- The Scientific Inquiry and Reasoning Skills section of the MCAT requires students to both demonstrate their knowledge and facility with concepts and principles with which they should be familiar and to interpret data/patterns in data presented on the exam that will likely be unfamiliar. Good classes to prepare for this section involve engagement with and analysis of data presented in the primary literature. Many advanced science courses would be helpful to prepare for this section including the following chemistry courses: CHEM 256, CHEM 370, CHEM 401, and CHEM 475.
- MATH 112 is strongly suggested prior to enrolling in CHEM 335.