<table>
<thead>
<tr>
<th>Department</th>
<th>Course Number</th>
<th>Course Name</th>
<th>Credits</th>
<th>Required</th>
<th>Term Taken</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STRONGLY RECOMMENDED</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics</td>
<td>3000</td>
<td>Microcomputer Methods in Physics (S)</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3010</td>
<td>Classical Mechanics (F)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3020</td>
<td>Electromagnetic Fields &amp; Waves (S)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3520</td>
<td>Instructional Assistance</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>3130</td>
<td>Differential Equations</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biology</td>
<td>1110</td>
<td>Concepts of Biology</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3800</td>
<td>Molecular Biology</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3301</td>
<td>Animal Physiology</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td>1101/1110</td>
<td>Introductory Chemistry I &amp; Lab</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1102/1120</td>
<td>Introductory Chemistry II &amp; Lab</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2201/2203</td>
<td>Organic Chemistry I &amp; Lab</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2202/2204</td>
<td>Organic Chemistry II &amp; Lab</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>OTHER RECOMMENDED COURSES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics</td>
<td>4640</td>
<td>Quantum Mechanics (S)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4820</td>
<td>Medical Physics (S)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer Science</td>
<td>1440</td>
<td>Computer Science I (C++)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Statistics</td>
<td>*2810</td>
<td>Intro. to Data Analysis &amp; Statistical Info.</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3820</td>
<td>Statistical Methods I</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biology</td>
<td>*3306</td>
<td>Genetics</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>*3314</td>
<td>Comparative Vertebrate Zoology (S)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td>*2210</td>
<td>Quantitative Analysis</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>*3301</td>
<td>Physical Chemistry I (F)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3302</td>
<td>Physical Chemistry II (S)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3303</td>
<td>Physical Chemistry Lab I (F)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3304</td>
<td>Physical Chemistry Lab II (S)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Psychology</td>
<td>*1200</td>
<td>General Psychology</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Courses of particular interest to those intending to apply to medical or dental school. These students need to consult with the Pre-Professional Advisory Committee as well before completing their contract.