Biomedical Engineering Minor (for Engineering Sciences students)

Students must be honors students in the 7-year accelerated ESC premed or dental program. Requires a minimum of 18 credits of Biomedical Engineering courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BME 105</td>
<td>Introduction to Human Physiology I</td>
<td>2</td>
</tr>
<tr>
<td>BME 106</td>
<td>Introduction to Human Physiology II</td>
<td>1</td>
</tr>
<tr>
<td>BME 301</td>
<td>Electrical Fundamentals of Biomedical Engineering</td>
<td>3</td>
</tr>
<tr>
<td>BME 302</td>
<td>Mechanical Fundamentals of Biomedical Engineering</td>
<td>3</td>
</tr>
</tbody>
</table>

Select two of the following: 6

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BME 310</td>
<td>Biomedical Computing</td>
</tr>
<tr>
<td>BME 382</td>
<td>Engineering Models of Physiological Systems</td>
</tr>
<tr>
<td>BME 383</td>
<td>Measurement Lab for Physiological Systems and Tissue</td>
</tr>
</tbody>
</table>
| BME 3XX or BME 4XX | Upper-division BME course | 3  

Total Credits 18