# BIOMEDICAL ENGINEERING MINOR

## Course Requirements for the Minor

The following courses, or their approved transfer equivalents, are required of all candidates for this minor.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EECE 314</td>
<td>Bioinstrumentation</td>
<td>3</td>
</tr>
<tr>
<td>MATH 120</td>
<td>Analytic Geometry and Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 121</td>
<td>Analytic Geometry and Calculus</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 204A</td>
<td>Physics for Students of Science and Engineering:</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Mechanics</td>
<td></td>
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<tr>
<td>Select one of the following:</td>
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<tr>
<td>BIOL 103</td>
<td>Human Anatomy</td>
<td>4</td>
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<tr>
<td>BIOL 104</td>
<td>Human Physiology</td>
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<tr>
<td>Select one of the following:</td>
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<tr>
<td>EECE 211</td>
<td>Linear Circuits I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; 211L</td>
<td>and Linear Circuits I Activity</td>
<td></td>
</tr>
<tr>
<td>EECE 215</td>
<td>Practical Circuits and Electronics</td>
<td></td>
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<tr>
<td>PHYS 327</td>
<td>Electronics for Scientists</td>
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<tr>
<td>Select three units from the following:</td>
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<tr>
<td>EECE 399</td>
<td>Special Problems</td>
<td>3</td>
</tr>
<tr>
<td>EECE 499</td>
<td>Special Problems</td>
<td></td>
</tr>
<tr>
<td>EECE 499HW</td>
<td>Honors Project (W)</td>
<td></td>
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<tr>
<td>Select one of the following:</td>
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<tr>
<td>CSCI 582</td>
<td>Bioinformatics</td>
<td>3-4</td>
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<tr>
<td>EECE 465</td>
<td>Digital Signal Processing</td>
<td></td>
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<tr>
<td>EECE 565</td>
<td>Bioimaging Systems</td>
<td></td>
</tr>
<tr>
<td>EECE 566</td>
<td>Applied Digital Image Processing</td>
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</tr>
<tr>
<td>MECH 430</td>
<td>Nanoscale Science and Engineering</td>
<td></td>
</tr>
</tbody>
</table>

**Total Units** 29-30