# MINOR IN BIOMEDICAL ENGINEERING

## REQUIREMENTS

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td><strong>Prerequisites</strong></td>
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<td></td>
<td>The following courses must be completed before beginning the minor program:</td>
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<tr>
<td>APSC 2113</td>
<td>Engineering Analysis I</td>
<td></td>
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<tr>
<td>PHYS 1022</td>
<td>University Physics II</td>
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<td><strong>Required</strong></td>
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<tr>
<td>BME 3820</td>
<td>Principles and Practice of Biomedical Engineering</td>
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<tr>
<td>ECE 2110</td>
<td>Circuit Theory</td>
<td></td>
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<tr>
<td>ECE 2210</td>
<td>Circuits, Signals, and Systems</td>
<td></td>
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<td></td>
<td><strong>Electives</strong></td>
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<td>Two of the following:</td>
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<tr>
<td>BME 4830</td>
<td>Introduction to Medical Imaging Methods</td>
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<tr>
<td>ECE 3220</td>
<td>Introduction to Digital Signal Processing</td>
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<tr>
<td>MAE 3128</td>
<td>Biomechanics I</td>
<td></td>
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<tr>
<td>MAE 4168</td>
<td>Introduction to Biomaterials</td>
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<tr>
<td>PHYS 3127</td>
<td>Biophysics: Macroscopic Physics in the Life Sciences</td>
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<tr>
<td>PHYS 3128</td>
<td>Biophysics: Microscopic Physics in the Life Sciences</td>
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Visit the program website (https://www.seas.gwu.edu/undergraduate-programs) for additional information.