# Bachelor of Science in Biomedical Engineering†
Department of Agricultural and Biomedical Engineering

## Relationship to Student Outcomes to Program Educational Objectives

Our Program Education Objectives map to the Learning Outcomes in the following way:

<table>
<thead>
<tr>
<th>Learning Outcomes</th>
<th>Program Educational Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Career Goals</td>
</tr>
<tr>
<td><strong>Engineering</strong></td>
<td></td>
</tr>
<tr>
<td>1 Identify, Formulate, Solve Complex Engineering Problems</td>
<td>H</td>
</tr>
<tr>
<td>2 Design and Create Solutions</td>
<td>H</td>
</tr>
<tr>
<td>3 Communicate</td>
<td></td>
</tr>
<tr>
<td>4 Ethics, Responsibility</td>
<td>H</td>
</tr>
<tr>
<td>5 Teamwork</td>
<td>H</td>
</tr>
<tr>
<td>6 Analyze and Interpret</td>
<td>M</td>
</tr>
<tr>
<td>7 Acquire Knowledge</td>
<td>M</td>
</tr>
<tr>
<td><strong>BME</strong></td>
<td></td>
</tr>
<tr>
<td>8 Principles of Engr, Biol, Physiol, Chem, Phys, Math and Stats</td>
<td>H</td>
</tr>
<tr>
<td>9 Solving BME Problems</td>
<td>H</td>
</tr>
<tr>
<td>10 Realizing Devices, Systems, Components, Processes</td>
<td>H</td>
</tr>
<tr>
<td>11 Measurements on Living Systems</td>
<td>H</td>
</tr>
</tbody>
</table>

H: High, M: Medium

This mapping was updated to the new ABET outcomes by UU in August 2021.