## Biomedical Engineering

**Program: Biomedical Engineering**  
Degree: Ph.D.  
Date Submitted: August 29, 2013

<table>
<thead>
<tr>
<th>Program Learning Outcomes</th>
<th>Performance Indicators</th>
<th>Measures</th>
<th>Use of the Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students will be able to:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| 1. Conduct independent research that reflects an original contribution to Biomedical Engineering | a. Ability to execute an appropriate research plan  
b. Research methods appropriate to the topic  
c. Conclusions and main arguments supported by conducted research  
d. Effective use of resources to investigate state of current knowledge relative to research project  
e. Contribution of original work | a. Survey of dissertation committee at the dissertation defense |                        |
| 2. Demonstrate technical proficiency in at least one area of Biomedical Engineering | a. Demonstration of factual knowledge of engineering and life science  
b. Professional quality public presentations of research | a. Survey of dissertation committee at the dissertation defense |                        |
| 3. Recognize need to apply ethical principles in conducting research | a. Honest reporting of results and data  
b. Proper citing in dissertation  
c. Understanding of plagiarism | a. Survey of dissertation committee at the dissertation defense |                        |
| 4. Evidence of professional development by contributions to local and national professional activities on a continuing basis | a. Presentation at professional meetings  
b. Membership / Leadership in technical or professional society  
c. First authored, peer-reviewed publications | a. Survey of graduated PhD students within one year of graduation |