Biological Engineering Department Graduate Program Assessment

Fall 2016

Learning Objectives	Indicators	Assessment/Process	Outcomes	Data-based decisions
Students will be capable of analyzing a problem, identifying critical aspects and devise appropriate methods to help solve the problem.	Students demonstrate the ability to perform significant original research.	Advisory committee is surveyed after thesis or dissertation proposal defense. Score of 6 or better on a 10 point scale required.	Implementation started Fall 2016	Based on results from surveys decisions will be made on whether changes are needed.
Graduates can function effectively in their field after completion of the Biological Engineering degree program.	Students demonstrate knowledge of key principles within their area of expertise.	Coursework is thoroughly graded and GPA of 3.0 (on a 4.0 scale) or greater is needed.	100% of students met this requirement.	Continue providing academic assistance to students requiring the help
Students effectively communicate both orally and through written documents.	Student writes a strong dissertation/thesis that confirms their mastery of the field. Students required to publish peer reviewed journal articles.	Advisory committee is surveyed after thesis or dissertation defense. Score of 6 or better on a 10 point scale required. Students required to submit 1 (MS) or 2 (PhD) author/co-author refereed journal articles.	Implementation started Fall 2016 100% of students met this requirement.	Based on results from surveys decisions will be made on whether changes are needed. Continue this requirement for the Biological Engineering MS and PhD degrees
Graduates will be successful in engineering careers after graduation.	Successful post-graduate employment in a relevant engineering field	Students are surveyed after graduation. >90% employment in a relevant engineering filed required.	Tracking will start Fall of 2016	Based on results from surveys decisions will be made on whether changes are needed.